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Fort Wayne (Ind.)
Annual message of "... ,
mayor of Fort Wayne, Ind.
..."

SECOND ANNUAL MESSAGE

—OF—

HON. CHAUNCEY B. OAKLEY,

MAYOR OF FORT WAYNE,

Indiana

—WITH—

ANNUAL REPORTS OF

HEADS OF DEPARTMENTS

OF THE

CITY GOVERNMENT,

FOR THE

FISCAL YEAR, ENDING DECEMBER 31, 1895.

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Fort Wayne City Government.
1895.

Fort Wayne City Government.

1895.

CHAUNCEY B. OAKLEY,	Mayor.
WILLIAM T. JEFFRIES,	Clerk.
JAMES H. SIMONSON,	Comptroller.
JOHN M. EVANS,	Deputy Comptroller.
B. F. NINDE,	City Attorney.
F. M. RANDALL,	City Civil Engineer.
JAMES LIGGET,	Superintendent of Police.
WILLIAM BORGMAN,	Captain of Police.
HENRY LAPP,	Lieutenant of Police.
FRED DASSLER,	Sergeant of Police.
FRANK JEWELL,	Sergeant of Police.
HENRY HILBRECHT,	Chief of Fire Department.
C. A. DOSWELL,	Superintendent of Parks.
NELSON THOMPSON,	Street Superintendent.
JAMES BRICE,	Foreman Street Repairs.
L. C. HOLLENBACHER,	Weighmaster.
WILLIAM ROPA,	Market Master.
W. H. BROWN,	Pound Master.

TRUSTEES OF WATER WORKS.

CHARLES McCULLOCH,	HENRY C. GRAFFE,
WM. BITTLER.	
P. J. McDONALD,	Clerk.

TRUSTEES OF PUBLIC SCHOOLS.

OLIVER P. MORGAN,	SAMUEL M. FOSTER,
ANDREW E. HOFFMAN.	

JOHN S. IRWIN, Superintendent of Schools.

Members of Common Council.

COUNCILMEN AT LARGE.

R. J. FISHER. CHARLES GRIEBEL. E. H. McDONALD.
JOHN MOHR, JR. CHARLES WALTEMATH.

WARD COUNCILMEN.

- | | |
|-------------------|---------------------|
| 1. W. H. TIGAR, | 6. W. M. GLENN, |
| 2. H. G. SOMMERS, | 7. P. J. SCHEID, |
| 3. G. H. LOESCH, | 8. PAUL E. WOLF, |
| 4. A. KELKER, | 9. JOHN T. YOUNG, |
| 5. H. HILD, | 10. B. BORKENSTEIN. |

STANDING COMMITTEES OF COMMON COUNCIL.

FINANCE.—Wolf, Loesch, Hild, Fisher, Mohr, Jr.

RULES, REGULATIONS AND ORDINANCES.—Loesch, Kelker, Waltemath.

JUDICIARY.—Kelker, Scheid, Waltemath.

PRINTING.—Hild, Young, Sommers.

ELECTIONS.—Young, Hild, Griebel.

CONTRACTS AND FRANCHISES.—Glenn, Wolf, Young, McDonald, Scheid.

FEES AND SALARIES.—Mohr, Tigar, Glenn.

STREET LIGHTS.—Griebel, Borkenstein, Glenn,

EDUCATION.—McDonald, Tigar, Loesch.

STREETS AND ALLEYS.—Fisher, Young, Waltemath.

WATER WORKS.—Scheid, Tigar, Glenn.

PARKS.—Kelker, Sommers, Scheid.

PUBLIC HEALTH.—Loesch, Sommers, Waltemath.

PUBLIC PROPERTY.—Fisher, Young, Wolf.

Department of Administration.

DEPARTMENT OF FINANCE.

JAS. H. SIMONSON, ... Comptroller.
JOHN M. EVANS, ... Deputy Comptroller.

DEPARTMENT OF LAW.

BENJ. F. NINDE, , ... City Attorney.

BOARD OF PUBLIC WORKS.

THOS. DEVILBISS, Chairman.
W. H. McCLELLAND,
HENRY A. READ.

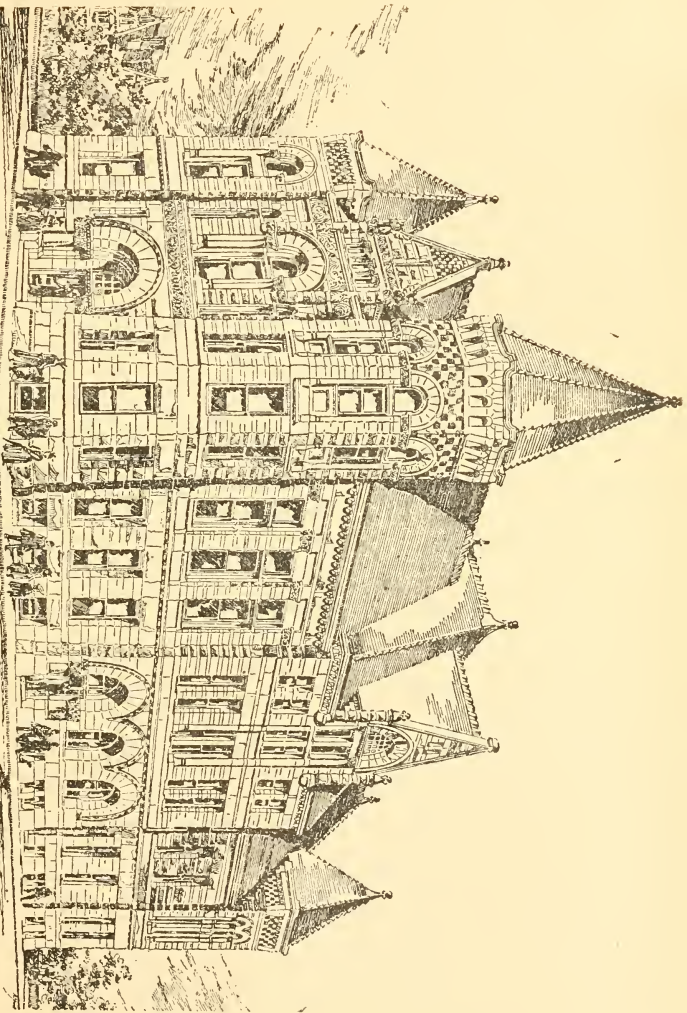
BOARD OF PUBLIC SAFETY.

CHAS. S. BASH, Chairman.
RUDOLPH STEGER,
RUDOLPHUS B. ROSSINGTON.

BOARD OF PUBLIC HEALTH AND CHARITIES.

DR. GEO. B. STEMEN, Secretary.
DR. JACOB HETRICK,
DR. AARON E. VANBUSKIRK.

A. J. You, ... Clerk of Official Board.
JENNIE McCLELLAND, - Assistant Clerk.



CITY HALL.

MAYOR'S MESSAGE.



EXECUTIVE DEPARTMENT,
OFFICE OF MAYOR, CITY HALL,
FORT WAYNE, IND., January 1, 1896. }

Gentlemen of the Common Council:

I have the honor to submit herewith for your consideration detailed reports made to me by the heads of the city departments, except that of Assessment and Collection, for the year ending December 31st, 1895. These reports are too voluminous for me to review in detail, I therefore request that you will all carefully examine and consider them for yourselves.

DEPARTMENT OF LAW.

The report of the City Attorney shows the legal status of the city's business. The bulk of the legal business of the city is the adjustment of damage suits. The course of the Department of Law in adjusting these suits as far as possible by arbitration outside of the courts, has proven very satisfactory. The amounts the city has been obliged to pay for damages has been much less than was formerly the case.

Upon this department rests the responsibility of guarding, preserving and promoting the healthful legal activity of all other sub-divisions of the city government. Its importance in the successful administration of the business affairs of the city cannot be overestimated. The management of this department for the past two years has merited the commendation of the people of Fort Wayne.

DEPARTMENT OF FINANCE.

I am glad to be able to exhibit to your honorable body such healthy financial conditions as now exist in our municipal affairs. The clear and elaborate report of the City Comptroller furnishes a detailed and interesting statement of the financial transactions of the city for the past year.

This Administration assumed control twenty months ago when the city was nearly \$15,000 behind in the current expense account. The condition December 31st, 1895, was that the floating debt existing when this Administration assumed control has been paid, and at the end of the fiscal year of 1895, there was a surplus of nearly \$15,000 unexpended balances in the various departments which has been turned back to the general fund. The Comptroller's report shows that there was on January 1st, 1896, \$72,979.00 unappropriated funds in the Treasury. Of this amount I estimate that \$40,000 will be required for current expenditures up to May 1st, when the first installment of taxes for 1895 will be received, which would show a surplus in the Treasury at that time of \$32,979.00. The question arises, what disposition of this surplus will be for the best interests of the people? I am of the opinion that the recommendation from the City Comptroller which will be submitted to you this evening for the payment of the mortgage for \$2,000.00 on the Central Engine House, should be paid, thereby saving the interest. I would also recommend that \$1,000 be appropriated for the erection of drinking fountains, and that from \$350 to \$400 be appropriated for additional street lights, for there are four or five locations where they are badly needed. If these appropriations are made there would still be \$29,579 unappropriated funds in the Treasury. Three ways of utilizing this fund suggests themselves to me, and I mention them for your consideration:

1st. This surplus could be turned into the Sinking Fund and used for the purpose of redeeming maturing bonds. If that course is pursued it should be invested in city improvement or other bonds, so interest would be received by the city.

2nd. This surplus could be used as a Sinking Fund for the purpose of enabling the city to procure its own electric lighting plant whenever sufficient funds are available for that purpose. If used in this way it should be invested as stated above.

3rd. This surplus could also be used for current expenses during the year 1897, thereby enabling the taxes to be materially reduced. If this disposition is made of the surplus the tax levy next year could be reduced from \$.95, as it now is, to \$.75 for the next levy.

Further than this, gentlemen, from a careful investigation and estimate of our receipts and expenditures for the year 1896, I am positive that if we confine ourselves to the appropriations already made for this year, better results will follow on January 1st, 1897. If that is so, and there is no reason why it should not be, if we follow the course indicated above; one more tax levy of \$.95, made next September and collected in 1897, will furnish sufficient money for the city to erect its own electric lighting plant and have it ready for operation by the time the present contract for street lighting expires. The three propositions are these:

1st. Place the surplus in a Sinking Fund for the redemption of outstanding bonds.

2nd. Devote the surplus to a Sinking Fund for the erection of an electric lighting plant.

3rd. Use the surplus for current expenses in 1897 and reduce the tax levy.

These questions are submitted, gentlemen, for your and the people's careful consideration, and they are worthy of it.

DEPARTMENT OF PUBLIC WORKS.

The many important official duties assigned to this department of the city government makes it a popular target for public criticism. All the official orders of this department are mandatory, directing something to be done for the betterment of the city at large, which the individual citizen is unwilling to do voluntary. This necessarily incurs the displeasure of some. The result is, the members of the Board of Public Works are forced to submit with Christian fortitude, to almost daily criticism.

The excellent service rendered by the Board of Public Works to this city since its organization, fully proves the wisdom of our law makers, in creating it a separate department of the city government. The members of this Board are worthy, competent and faithful servants, earnestly endeavoring to discharge the duties of their office conscientiously. The present business-like manner of conducting this important branch of our city's business is a great improvement over the slipshod method prevalent in former years. Space forbids me mentioning in detail the vast amount of work done by this Board during the past year. A glance, however, at the annual report it has filed herewith will be sufficient to convince any one that many permanent improvements have been made. A new era of progress and prosperity has dawned upon the city of Fort Wayne. The improvement of her streets and alleys is rapidly transforming her into one of the most attractive and healthful cities of our State.

DEPARTMENT OF PUBLIC SAFETY.

One of the sacred duties of every municipal corporation is to furnish ample protection to all her citizens and their

property at all times. Recognizing this fact, it has been the earnest desire of the members of the Board of Public Safety to bring this department up to the highest standard of proficiency in both its branches. With this end in view appointments to positions on the police and fire forces have been made with the greatest care, qualification being the supreme test.

POLICE AND FIRE DEPARTMENTS.

The discipline and efficiency of the Police Department have been greatly improved during the year and it is probably not over-stating the case to say that the Department was never more useful and valuable as an agent for the protection of the life and property of our citizens than it is to-day.

The Department has not been controlled or handled for political purposes. No dismissals have been made except for cause; this policy has taught the whole force that a strict attention to duty and compliance with the rules of the Department is expected from each and every member.

The Police force of our city is too small. It is impossible to obtain the best results with the small force we have. I know of no city where the force is not much larger than ours.

The Fire force is also in excellent condition, both as regards its equipment and the character of service rendered to the public. The Chief and his efficient corps of men, by their faithful devotion to duty, have won for this Department an enviable reputation for effectiveness, which is the pride of all good citizens of Fort Wayne.

DEPARTMENT OF PUBLIC HEALTH AND CHARITIES.

Above all other responsibilities in the administration of municipal government, the duty of properly guarding the health of its citizens stands paramount. The present Board of Health of this city is thoroughly impressed with its duties in

this direction. The report of L. Park Drayer, M. D., in charge of the bacteriological laboratory, fully justifies your action in establishing the same. The work done in this department of the Board of Health, is of the highest character, and should be fostered by every means in our power. It is the imperative duty of every good citizen in this community, who has any regard for its health, to aid the proper officers in securing the necessary adjuncts of our city's prosperity. Much has been accomplished in this direction and I hope for still greater results during the present year.

There is perhaps not a city in the United States the size of Fort Wayne that can produce a better health record than the one I have the honor of transmitting to you herewith, reflecting great credit upon our Board of Health. The paving of streets and alleys, the building of sewers, the filling up of low places, the destruction of growing weeds, the prompt removal of all garbage, and an abundant supply of pure wholesome water, is the secret of promoting and maintaining the health of any municipality.

DEPARTMENT OF WATER WORKS.

This Department is still pursuing their experiments in regard to procuring additional water supply. The measures of their success, I fear, is not of such a character as to warrant the people in coming to the conclusion that no anxiety need be felt in regard to the water supply for our city. The present supply is not equal to our needs at all seasons of the year. This subject is one which should receive careful consideration by the people. I consider it the most vital question that will confront them, until it is finally settled.

DEPARTMENT OF EDUCATION.

The Superintendent submits the annual report of the public schools. It is not necessary to repeat what has been said

many times heretofore concerning the general prosperity of the schools. This is recognized and accepted generally by their advocates and patrons.

The system of public instruction of a great city is a matter of the greatest moment. It deserves, and should receive, the careful consideration and support of the citizens and the governing powers. Among the various interests of a municipality the Educational Department should stand second to none. Its value, its far reaching influence in providing for all the essential demands of elementary and liberal education of social life, citizenship and sound prosperity, in all its business and professional avocations, give it a claim to the highest consideration.

Fort Wayne deserves commendation for its liberality and faithful attention to its schools. The strong and intelligent public sentiment of the people in favor of a practical, comprehensive and thorough education of the children is highly encouraging and certainly promises much for the future of our city.

C. B. OAKLEY, Mayor.

Department of Law.

1895.

DEPARTMENT OF LAW.

SECOND ANNUAL REPORT

—OF—

BENJ. F. NINDE,

CITY ATTORNEY,

FOR THE

Fiscal Year Ending December 31st, 1895.

Report of the City Attorney.

OFFICE OF THE CITY ATTORNEY,)
FORT WAYNE, IND., January 1, 1896. }

To the Hon. C. B. Oakley, Mayor of the City of Fort Wayne:

DEAR SIR :— I herewith submit for your consideration a report of the business conducted in the Department of Law for the year beginning January 1st, 1895, and ending December 31st, 1895. The following is a list of judgments, including costs obtained against the city in the courts of Allen County. Also cases affirmed by the Supreme Court against the city and statement of incidental expenses of Department of Law, during said fiscal year, all of which have been paid in full :

JUDGMENTS, COMPROMISES AND COSTS.

Elijah Lemay <i>vs.</i> City	\$1,122.65
Sophia Waltemath <i>vs.</i> City.....	1,967.40
Herman Durnell <i>vs.</i> City	1,555.16
Frederick Wehniert <i>vs.</i> City.....	106.40
Harriet Wehniert <i>vs.</i> City.....	244.38
Charles Uplegger <i>vs.</i> City.....	221.60
Nellie Baker <i>vs.</i> City	419.55
Mary Farnan <i>vs.</i> City.....	387.75
Elizabeth Porter <i>vs.</i> City	30.00

Total.....\$6,054.89

OTHER APPROPRIATIONS.

Assistant Counsel, " <i>Baker vs. City.</i> "	\$ 100.00
F. Grummon claim	20.00
Costs " <i>Ross vs. City.</i> "	158.25
Old taxes due on city property	363.59
Incidental expenses Dep't of Law	246.55

Total disbursements made by Dep't of Law
on Appro. Accounts.....\$6,943.28

Disbursed by Dep't of Law on account of
Hamilton Judgment, (special acct.)..... 48.30

Total disbursements of Dep't of Law for the
year 1895, ...\$6,991.58

BRIEF HISTORY OF THE ABOVE ENTITLED CASES.

Elijah Lemay vs. City of Fort Wayne.

The plaintiff in the above entitled cause brought suit against the city for five thousand dollars (\$5,000) damages, for the death of his wife, caused by injuries sustained by her on the day Ringling Brothers were exhibiting their show in the the city, a horse on East Columbia street having become frightened at the elephants and other animals during the parade. This case was settled for eleven hundred dollars (\$1,100.00).

Sophia Waltemath vs. City of Fort Wayne.

The plaintiff in the above entitled cause brought suit against the city for ten thousand dollars (\$10,000.00) damages, for personal injuries sustained by her by reason of a dead horse being permitted to lay at the side of the road on Lake Avenue, on the 12th day of March, 1892. This case was tried by Jury in the Circuit Court and final judgment of eighteen hundred dollars (\$1,800.00) was rendered against the city.

Herman Durnell *vs.* City of Fort Wayne.

The plaintiff in this case brought suit against the city for five thousand dollars (\$5,000.00) damages, for injuries sustained by him by reason of the slippery and uneven condition of the sidewalk on Clinton street, between Jefferson and Lewis streets. A judgment of nine hundred dollars (\$900) was obtained against the city in the lower court. The city appealed the case to the Appellate Court, and during the month of November, 1895, the judgment of the lower court was affirmed by the Appellate Court.

Frederick Wehniert *vs.* City of Fort Wayne.

The plaintiff in this case brought suit against the city for five thousand dollars (\$5,000.00) damages, for injuries sustained by his wife on the day Ringling Brothers were exhibiting their show in this city, during the month of May, 1895. This case was compromised for one hundred dollars (\$100) and a judgment for that amount rendered against the city in the Superior Court of Allen County, Ind.

Harriet Wehniert *vs.* City of Fort Wayne.

The plaintiff in the above entitled cause brought suit against the city for five thousand dollars (\$5,000.00) damages for injuries sustained by her on the day Ringling Brothers were exhibiting their show in the city, during the month of May, 1895. This case was compromised for two hundred and thirty-three dollars and thirty-three cents (\$233.33.) A judgment being rendered against the city for that amount in the Superior Court of Allen County.

Charles Uplegger *vs.* City of Fort Wayne.

This plaintiff brought suit against the city for five thousand dollars (\$5,000.00) damages for injuries sustained by him by reason of the slippery and uneven condition of the sidewalk

on the west side of Calhoun street, between Columbia and Main streets. This case was settled for two hundred dollars (\$200.00), a judgment for that amount having been rendered against the city in the Superior Court of Allen County.

Nellie Baker vs. City of Fort Wayne.

The plaintiff in this case brought suit against the city for five thousand dollars (\$5,000.00) damages for personal injuries sustained by her on account of going over the embankment of the river along St. Joe Boulevard, it being claimed by plaintiff that the city allowed said Boulevard to remain in an unsafe condition, there being no barriers along the road to prevent persons traveling thereon from going over the embankment into the river. The case was settled for three hundred and seventy-five dollars (\$375.00), a judgment having been rendered for that amount against the city in the Allen Circuit Court.

Mary Farnan vs. City of Fort Wayne.

The plaintiff in this case brought suit against the city for five thousand dollars (\$5,000.00) damages for personal injuries received by her by reason of the defective condition of the sidewalk on the north side of Hayden street, between Harmer and Francis streets. The case was tried in the Superior Court of Allen County, during the month of September, 1894, and a judgment rendered against the city for two hundred dollars (\$200.00). The case was appealed to the Appellate Court and the judgment of the lower Court was finally affirmed during the month of September, 1895.

A BRIEF HISTORY OF THE CASES NOW PENDING IN WHICH THE
CITY IS INTERESTED.

Elizabeth Jewell vs. City of Fort Wayne.

Mrs. Jewell brought suit against the city for five thousand dollars (\$5,000.00) damages for personal injuries received by

her by falling on the sidewalk on the south side of Main street, between Griffith and Fulton streets, it being claimed by her that said sidewalk about fifty feet west of Griffith was in an uneven and dangerous condition, such defects in said sidewalk having caused her injury. This case is now pending in the Allen Circuit Court, demurrer having been filed and the examination of plaintiff having been taken.

City of Fort Wayne *vs.* William Doehrman.

The plaintiff brought this suit to recover fourteen hundred dollars (\$1,400.00) paid by the city in cancellation of a judgment obtained against it by one, Barnett, Mr. Barnett about three years ago having fallen on a defective grate in front of the property of Mr. Doehrman, and as a result obtained a judgment of fourteen hundred dollars against the city. This case is now pending in the Allen Circuit Court, answers having been filed, The case awaits trial.

Ellen Devaux, by next friend, E. V. Emerick *vs.* City of Fort Wayne.

The plaintiff in this case brought suit against the city for five thousand dollars (\$5,000.00) damages for injuries sustained on the day Ringling Brothers were exhibiting their show in the city during the month of May, 1895. This case is pending in the Allen Circuit Court, no action having been taken since the suit was instituted.

Seymour G. Smith *vs.* City of Fort Wayne.

The plaintiff in this case brought suit against the city to recover nine thousand dollars (\$9,000.00) under the contract for the erection of a crematory. The crematory failed to meet the requirements and conditions under which it was to be erected; therefore, the Board of Public Works of the City of Fort Wayne refused to accept the same. The case is now pending

in the United States Court for the District of Indiana, answer of three paragraphs having been filed by the city.

Volney Parks vs. City of Fort Wayne.

The Board of Public Works began proceedings to open the alley between Winter and Lillie streets, from Hayden street to the first alley north of Lewis street. The plaintiff in the above case remonstrated against the assessment of benefits and damages made by the Board and finally took an appeal to the Allen Circuit Court, where the case is now pending.

Ross vs. City of Fort Wayne.

The United States Circuit Court for the District of Indiana.

Bragg Patent case begun in April, 1892, by I. C. Walker of Indianapolis, and continued since November, 1892, by O. M. Ross, of Logansport, as trustee for the syndicate who bought that and other patents for speculative purposes, has been thus far a contest over legal questions of practice to determine whether the city has the right to a common law trial by jury, or must make its defense on the merits before the court. The question was raised by demurrer and decided favorably and judgment in the city's favor for costs rendered by Judge Baker. An appeal to the United States Circuit Court of Appeals was taken by Ross and after vigorous contest the judgment was reversed and a petition for rehearing has been overruled so that the case is ready to be recommitted to Judge Baker for making up the issues and trial on the merits.

The city has filed its answer and the plaintiff has filed his reply thereto. The case is still pending in said court, there seeming to be no disposition on the part of the plaintiff to push the same to judgment.

A brief history of the cases disposed of during the year 1895, there being no judgment obtained against the city:

J. H. Bass *vs.* Seymour G. Smith and the City of Fort Wayne.

The plaintiff brought suit against the city and said Smith to recover for material furnished in the erection of a crematory for disposal of garbage. The city filed an answer of disclaimer and the court rendered judgment in full for Bass against Smith for the amount due, and also decreed that the city had no interest in said crematory, except that it owned the ground on which same had been constructed.

James M. Henry and John Welch *vs.* City of Fort Wayne and Seymour G. Smith.

The plaintiffs brought suit in the above entitled cause to recover for material and work furnished and done in the construction of a crematory for the disposal of garbage. The city filed an answer of disclaimer. The court rendered judgment against Smith for the amounts due the plaintiffs, and also decreed that the city had no interest in the crematory except that it owned the ground on which the same was built.

Since the last report of this department was made there has been prepared a docket in which all cases in which the city is interested are carefully noted and every step taken in each particular case is recorded, and all information relative thereto placed in said docket. If the scheme indicated by this docket is carefully carried out it will facilitate the business done by this department and will also afford other succeeding City Attorneys information in regard to every case in which the city has an interest.

The detail work of this department has not been as onerous as it was during the previous year, for the reason that all blanks had been prepared and each of the departments were better acquainted and equipped for the work devolving upon them.

For expenses of Department of Law reference is made to the Comptroller's report. Beyond what has already been stated, I know of nothing in relation to the Department of Law that would be of interest to the public.

Respectfully submitted,

B. F. NINDE,

City Attorney.

Department of Finance.

1895.

City of Fort Wayne, Indiana.

SECOND REPORT

OF THE

Department of Finance,

FOR THE

YEAR ENDING DECEMBER 31, 1895.

JAMES H. SIMONSON, - - - - Comptroller.

J. M. EVANS, - - - - Deputy Comptroller.

Department of Finance.

OFFICE OF COMPTROLLER, }
FORT WAYNE, IND., Jan. 1st, 1896. }

To the Honorable Mayor and Common Council :

GENTLEMEN :—I have the honor to submit herewith the report of the Department of Finance for the year ending December 31st, 1895, wherein is shown the receipts and disbursements for the period mentioned, with such other information of certain matters and transactions of the city government, that, in my judgment, appropriately forms a part of this report.

RECEIPTS.

Total amount of balances standing to credit of all appropriation and special accounts, on the 31st day of December, 1894, and brought forward to the year 1895, as shown on page 39 of the annual report for the year 1894, itemized as follows :.....		\$72,620 36
General Appropriation Fund	\$48,400 90	
Treasurer's Special Collections	528 30	
Interest on Bonded Debt.....	7,337 26	
Sinking Fund	7,335 21	
Street Special.....	745 71	
Park Fund.....	425 17	
Engine House and Equipment Fund..	79 91	
Hamilton Judgment	159 22	
Crematory Fund	7,608 68	
Received from "Street Special"—Assessments paid for Street and Alley Openings.....		\$ 1,169 62
Received from Liquor Licenses		17,400 00
" Peddlers' "		397 25
" Exhibition and Shooting Gallery Licenses		336 00
Received from Billiard and Pool Licenses		473 89
" Vehicle License.....		5,419 50
" Pawnbrokers' Licenses.....		300 00
" Sewer Builders' Licenses.....		28 00
" City Scales		1,666 40
" City Pound		6 90
" Mayor's Fines and Fees.....		692 00
Comptroller's Fees		666 00

Received from "Promiscuous Receipts," itemized as follows :.....		\$ 200 73
For New Vehicle Tags furnished.....	\$ 95	
From Treasurer (amount collected at delinquent sale as cost of advertis- ing old delinquent)	103 85	
For privilege of Tapping Sewer	40 00	
For rebate paid by Telephone Co. on patrol boxes	33 33	
For old copper sold by Fire Department	10 60	
For six lamp posts sold by Board of Public Works.....	12 00	
Received from tax sale redemptions	\$	223 16
" City Markets.....		848.60
" Taxes.....		251,959 15

NOTE—This amount of taxes was distributed according to the levy to credit of sundry accounts, as follows :

General Appropriation Fund, levy, \$1.02½,.....	\$234,780 10	
Sinking Fund levy, \$.05	11,452 70	
Public Library " .02½.....	5,726 35	
Total Receipts	\$354,407 56	

DIVISION.

Balance from year 1894	\$ 72,620 36
Receipts during year 1895.....	281,787 20
	\$354,407 56

DISBURSEMENTS.

(Claims Audited and Warrants Drawn Therefor.)

For General Appropriation Accounts (Itemized further on under the various appropriation accounts)	\$245,040 37
For "Interest on Bonded Debt," old Levy Acc't. (Payment of coupons due in year 1894, not presented until 1895, itemized under Special Accounts)	1,620 00
For Redemption of Bonds.....	8,000 00
For Costs in Hamilton Judgment—Itemized under Special Accounts	48 30
For Public Library—Paid to Board School Trustees.....	3,348 55
For Crematory—Itemized under Special Accounts	8,041 05
For Refunding Vehicle Licenses	26 00
For Redemption Tax Sale Certificates	223 16
For Street Special—Damages paid account street and alley openings	1,452 32
Total Disbursements.....	<u>\$267,799 75</u>

SUMMARY.

Total Receipts, including balances from year 1894, \$354,407 56

Total Disbursements..... 267,799 75

Balance to Credit of all Appropriation and Spec-

ial Accounts, on December 31st, 1895,..... \$86,607 81

The above balance stands to credit of sundry accounts on the books as follows :

General Appropriation Account..... \$72,979 09

Sinking Fund..... 10,787 91

Public Library..... 2,377 80

Street Special..... 463 01

\$86,607 81

ITEMIZED STATEMENT

OF THE

Appropriation Accounts,

SHOWING AMOUNTS APPROPRIATED, CLAIMS AUDITED,
AND BALANCES, ON THE 31ST OF
DECEMBER, 1895.

Salaries of Officers and Clerks.

Amount appropriated.....	\$18,850 00	
Claims audited.....	18,850 00	\$18,850 00

Interest on Sundry Claims.

Amount appropriated.....	\$ 1,750 00	
Claims audited.....	744 95	744 95
Balance	\$ 1,005 05	

Incidentals of Comptroller's Office.

Amount appropriated.....	\$ 1,000 00	
Claims audited	216 61	216 61
Balance	\$ 783 39	

Interest on Bonded Debt—Appropriation.

Amount appropriated.....	\$37,000 00	
Claims audited	34,970 50	34,970 50
Balance	\$ 2,029 50	
Coupons outstanding amounting to....	1,732 50	
Balance to be returned.	\$ 297 00	

Porter Claim.

Amount appropriated.....	\$ 1,000 00	
Claims audited	1,000 00	1,000 00

F. J. Hayden Claim.

Amount appropriated	\$ 500 00	
Claims audited	500 00	500 00

Miller and Moritz Claim.

Amount appropriated	\$ 500 00	
Claims audited	500 00	500 00

John Orff Claim.

Amount appropriated.....	\$ 1,375 00	
Claims audited	1,375 00	1,375 00

South Wayne Floating Debt.

Amount appropriated.....	\$ 2,000 00	
Claims audited.....	1,724 69	1,724 69
Balance.....	\$ 275 31	

Special Auditing Committee—Claim of

Amount appropriated	\$ 300 00	
Claims audited	<u>300 00</u>	300 00

John G. Lehr Claim.

Amount appropriated	\$ 100 92	
Claims audited	<u>100 92</u>	100 92

Refunder Account—Liquor License.

Amount appropriated	\$ 25 00	
Claims audited	<u>25 00</u>	25 00

Incidental Expenses, Department of Law.

Amount appropriated	\$ 500 00	
Claims audited	<u>246 55</u>	246 55
Balance	<u>\$253 45</u>	

Assistant Counsel, Nellie Baker Case.

Amount appropriated	\$ 100 00	
Claims audited	<u>100 00</u>	100 00

Old Taxes Due on City Property.

Amount appropriated	\$ 363 59	
Claims audited	<u>363 59</u>	363 59

F. Grummon Claim.

Amount appropriated	\$ 20 00	
Claims audited	20 00	20 00
	<u>20 00</u>	

Costs in Case "Ross vs. City."

Amount appropriated	\$ 158 25	
Claims audited	158 25	158 25
	<u>158 25</u>	

Judgments, Compromises and Costs.

Amount appropriated.....	\$6,068 89	
Claims audited.....	6,054 89	6,054 89
	<u>6,054 89</u>	
Balance.....	\$14 00	
	<u>14 00</u>	

Advertising and Printing.

Amount appropriated	\$600 00	
Claims audited.....	500 82	500 82
	<u>500 82</u>	
Balance	\$99 18	
	<u>99 18</u>	

Blank Books and Stationery.

Amount appropriated.....	\$1,000 00	
Claims audited.....	884 51	884 51
	<u>884 51</u>	
Balance.....	\$115 49	
	<u>115 49</u>	

City Hall Account.

Amount appropriated.....	\$2,200 00	
Claims audited.....	2,124 52	2124 52
	<u> </u>	
Balance.....	\$ 75 48	
	<u> </u>	

Expenses of Office of City Civil Engineer.

Amount appropriated.....	\$1,370 00	
Claims audited	1,332 30	1,332 30
	<u> </u>	
Balance.....	\$ 37 70	
	<u> </u>	

Disposal of City Garbage.

Amount appropriated.....	\$4,400 00	
Claims audited.....	4,379 71	4,379 71
	<u> </u>	
Balance.....	\$20 29	
	<u> </u>	

Furniture and Fixtures.

Amount appropriated	\$ 425 00	
Claims audited.....	364 53	364 53
	<u> </u>	
Balance.....	\$60 47	
	<u> </u>	

Insurance.

Amount appropriated	\$ 100 00	
Claims audited.....	60 00	60 00
	<u> </u>	
Balance.....	\$40 00	
	<u> </u>	

Public Buildings and Grounds.

Amounts appropriated	\$1,800 00	
Claims audited	1,683 46	1,683 46
	<u> </u>	
Balance	\$116 54	
	<u> </u>	

Public Lights.

Amount appropriated	\$28,000 00	
Claims audited	27,897 90	27,897 90
	<u> </u>	
Balance	\$102 10	
	<u> </u>	

Sewers.

Amount appropriated	\$2,500 00	
Claims audited	2,330 59	2,330 59
	<u> </u>	
Balance	\$169 41	
	<u> </u>	

Maintenance and Repairs of Streets — "Special"

Amount appropriated being proceeds of		
Vehicle Licenses	\$6,430 81	
Claims audited	6,428 25	6,428 25
	<u> </u>	
Balance	\$2 56	
	<u> </u>	

Maintenance and Repairs of Streets—"Regular."

Amount appropriated.....	\$19,620 00	
Claims audited.....	\$4,579 82	4,579 82
Transferred to Street Clean- ing account by authori- ty of Council.....	9,000 00	13,579 82
	<u> </u>	<u> </u>
Balance.....	\$6,040 18	
	<u> </u>	

Street Cleaning.

Amount appropriated by transfer from maintenance and repair streets.....	\$9,000 00	
Claims audited.....	\$6,406 23	6,406 23.
Transferred to "Crematory Fund," by authority of Council, to return to said Crematory Fund money borrowed therefrom Aug. 22d, 1894.....	500 00	6,906 23
	<u> </u>	<u> </u>
Balance	\$2,093 77	
	<u> </u>	

New Street Intersection Account.

Amount appropriated.....	\$17,000 00	
Claims audited.....	16,169 98	16,169 98
	<u> </u>	
Balance.....	\$830 02	
	<u> </u>	

Street Opening Account.

Amount appropriated.....	\$1,500 00	
Claims audited.....	1,225 40	1,225 40
	<u> </u>	
Balance.....	\$274 60	
	<u> </u>	

Bridge Account.

Amount appropriated	\$500 00	
Claims audited.....	366 48	366 48
Balance.....	\$133 52	

Park Expense.

Amount appropriated.....	\$12,100 00	
Claims audited.....	12,091 99	12,091 99
Balance.....	\$8 01	

*Additional Clerical Force and Incidentals of Board of
Public Works.*

Amount appropriated	\$800 00	
Claims audited.....	538 57	538 57
Balance.....	\$261 43	

Monument Fund.

Amount appropriated.....	\$350 00	
Claims audited.....	348 75	348 75
Balance	\$1 25	

City Commissioners' Claim, Account St. Joe Boulevard.

Amount appropriated.....	\$26 75	
Claims audited.....	26 75	26 75

Special Crematory Committee, Expense Of

Amount appropriated.....	\$90 65	
Claims audited.....	90 65	90 65

Expense of Keeping Horse for Superintendent of Streets.

Amount appropriated.....	\$125 00	
Claims audited.....	125 00	125 00

Fire Force Pay Roll.

Amount appropriated.....	\$32,446 00	
Claims audited.....	32,426 57	32,426 57
Balance.....	\$19 43	

Fire Force Account.

Amount appropriated.....	\$10,200 00	
Claims audited.....	\$8,525 09	8,525 09
Transferred to Police Station Incidentals account by authority Council	328 00	
Transferred to Fire Force Pay Roll Account by authority of Council.....	886 00	9,739 09
Balance.....	\$460 91	

Police Force Pay Roll.

Amount appropriated.....	\$27,280 00	
Claims audited.....	27,270 48	27,270 48
Balance.....	\$9 52	

Police Station Incidental Account.

Amount appropriated.....	\$ 1,023 00	
Claims audited.....	1,022 65	1,022 65
	<u> </u>	
Balance.....	35	
	<u> </u>	

Weighmaster's Salary.

Amount appropriated.....	\$ 780 00	
Claims audited.....	780 00	780 00
	<u> </u>	

Poundmaster's Salary.

Amount appropriated.....	\$ 480 00	
Claims audited.....	480 00	480 00
	<u> </u>	

Marketmaster's Salary.

Amount appropriated.....	\$ 250 20	
Claims audited.....	250 20	250 20
	<u> </u>	

Sanitary Police.

Amount appropriated.....	\$ 1,580 00	
Claims audited.....	1,279 50	1,279 50
	<u> </u>	
Balance.....	\$300 50	
	<u> </u>	

Prevention of Contagious Diseases.

Amount appropriated.....	\$ 1,000 00	
Claims audited.....	740 40	740 40
	<u> </u>	
Balance.....	\$259 60	
	<u> </u>	

Inspection of Food, Live Stock and Analysis.

Amount appropriated.....	\$500 00	
Claims audited.....	33 32	33 32
	<u> </u>	
Balance	\$466 68	
	<u> </u>	

Incidentals of Board of Health and Charities.

Amount appropriated	\$200 00	
Claims audited.....	25 00	25 00
	<u> </u>	
Balance.....	\$175 00	
	<u> </u>	

Water Works Trustees.

Amount appropriated (for extension of Mains).....	\$15,000 00	
Claims audited (Paid to Water Works Trustees).....	15,000 00	15,000 00
	<u> </u>	<u> </u>
		\$245,040 37

SUMMARIZED STATEMENT

—OF—

General Appropriation Fund.

Balance to credit January 1st, 1895.....	\$48,400 90
“ transferred from Treasurer’s collections for contractors (premium on Bonds sold)...	528 30
Balance transferred from old Park Fund—old Levy Balance.....	425 17
Balance transferred from Engine House and Equipment Fund	79 91
Balance transferred from Interest on Bonded Debt—old Levy balance.....	5,717 26
Balance transferred from Hamilton Judgment....	110 92
“ “ “ Crematory account.....	67 63
Received from First Installment of Taxes.....	137,290 45
“ “ Second “ “	97,489 65
“ Miscellaneous sources, applicable to Appropriation account	23,015 77
Received from Vehicle Licenses applicable to Maintenance and Repairs of Streets.....	5,393 50
	\$318,519 46

Less amount claims audited and warrants drawn therefor, as shown in preceding table.....	245,040 37
	\$73,479 09
Less amount transferred from "Street Cleaning" (an appropriation account) to the "Crematory Fund" (a special account) by authority of Council; to return to said Crematory Fund money borrowed therefrom for use of Public Lights, Aug. 22d, 1894.....	500 00
Balance available December 31st, 1895	\$72,979 09

Of this total amount of Disbursements from the General Appropriation Fund, namely :—
\$245,040.37, there was expended by the

Department of Finance.....	\$60,307 67
" " Paid to Water Works	
Trustees pursuant to appropriation	15,000 00
Department of Law	6,943 28
" Public Works.....	89,956 21
" " Safety.....	70,754 99
" " Health and Charities	2,078 22
	\$245,040 37

On September 11th, 1894, the Comptroller's estimate was laid before the Common Council, and an ordinance was passed in accordance with the same on the 25th day of September, 1894, appropriating the sum of \$231,280.20 for the use of the various departments (except Water Works) for the year 1895. In addition thereto there was also appropriated at the same

time \$15,000.00 for use of Water Works Department in the extension of mains.

September 25th, 1894, appropriated	\$231,280 20
" " " for Water	
Works Department.....	15,000 00
February 26th, 1895, appropriated proceeds of	
Vehicle Licenses to the Maintenance and Re-	
pair of Streets account	6,430 81
	\$252,711 01

The following additional appropriations were subsequently made for the use of the Departments :

For Assistant Counsel, Nellie Baker <i>vs.</i>		
City	\$100 00	}
For Public Buildings and Grounds.....	800 00	
For Expense of keeping horse for Super-		
intendent of Streets.....	125 00	
For Furniture and Fixtures.....	125 00	
For Police Force Pay Roll.....	160 00	
For Sanitary Police Pay Roll	500 00	
For Disposal of City Garbage.....	400 00	}
		2,210 00

Extra appropriations were also subsequently made as follows :

For claim of City Commissioners' account, widening St. Joe Boulevard,	\$ 26 75	
For claim of F. Grummon, compromised.....	20 00	
For claim of John G. Lehr, for locating sequestered taxes.....	100 92	
For payment of old taxes due on city property	363 59	
For expenses of special committee inspecting crematories of other cities.....	90 65	
For claim of special auditing committee	300 00	
For costs in case of "Ross vs. City"...	158 25	
For refund of unexpired Liquor License	25 00	
For payment of sundry judgments, compromises and costs	6,068 89	
	<u>7,154 05</u>	
Total appropriations..	\$262,075 06	
Total amount disbursed by all departments account of the foregoing	245,040 37	
Balance of amount appropriated and not expended	\$17,034 69	

Of this amount there will be carried forward in the interest on Bonded Debt Account, the sum of \$1,732.50, this being the amount of coupons still outstanding on December 31st, 1895, due in the year 1895.....\$1,732 50

Also the balance in "Maintenance and Repair of Street Special Account" being the amount of Vehicle License money unexpended.....			2 56	1,735 06
				15,299 63
Less amount transferred from Street Cleaning to Crematory Fund.....				500 00
Balance unexpended to be returned to the General Appropriation Fund.....				\$14,799 63

GENERAL STATEMENT OF SPECIAL ACCOUNTS,

SHOWING AMOUNTS CREDITED THEREIN, CLAIMS AUDITED,
AND BALANCES, ON THE 31ST OF
DECEMBER, 1895.

Interest on Bonded Debt—Old Levy Fund.

NOTE—This was a fund created by the levy of 1894 to meet the interest on the bonded debt, since then this has been made a part of the General Appropriation Funds.

Balance on hand to credit this fund Jan. 1st, 1895,	\$7,337 26
Paid for redemption of interest coupons, maturing in year 1894	\$1,620 00
Transferred to General Appropriation Account by authority of Council, April 9th, 1895.....	5,717 26
	\$7,337 26

Sinking Fund.

Balance on hand January 1st, 1895, to credit this account.....	\$ 7,335 21
Amounts placed to credit from tax collections...	11,452 70
	\$18,787 91

Paid for redemption of Bonds,	
\$4,000.00 Series of October 25th, 1881,	
4,000.00 " Sept. 15th, 1892...	8,000 00
Credit balance.....	\$10,787 91

Park Fund--Old Levy Account.

NOTE—This was a fund created by the levy of 1894 to meet park expenses. This has since been made a part of the General Appropriation Accounts.

Balance on hand to credit of this account, Jan. 1st,	
1895	\$425 17
Transferred to General Appropriation Account by	
authority of Council, February 26th, 1895....	425 17

Engine House and Equipment Fund.

NOTE—This was a fund created by the levy of former years to meet expense of new engine houses and equipment.

Balance on hand to credit of this account Jan.	
1st, 1895,.....	\$79 91
Transferred to General Appropriation Account by	
authority of Council, February 26th, 1895....	79 91

Tax Sale Redemptions.

Received from property owners, redeeming pro-	
perty from sale....	\$223 16
Paid to holders of tax sale certificates	223 16

Street Special--Street and Alley Opening Account.

Balance on hand January 1st, 1895	\$ 745 71
Assessments of benefits paid in	1,169 62
	\$1,915 33
Payment of damages	1,452 32
Credit balance	463 01

Public Library.

Amount placed to credit from tax collections...	\$5,726 35
Amount paid to Treasurer of Board of School Trustees	3,348 55
Credit balance	\$2,377 80

Crematory.

Balance to credit Jan. 1st, 1895	\$7,608 68
Amount transferred from Street Cleaning Account	500 00
	\$8,108 68
Claims audited	\$8,041 05
Transferred to General Appropriation Account by authority Council, Dec. 23d, 1895	67 63
	8,108 68

Hamilton Judgment.

Balance to credit, Jan. 1st, 1895		\$159 22
Claims audited.....	\$48 30	
Transferred to General Appropriation Account by authority of Council, Dec. 23d, 1895.....	110 92	159 22
	<u> </u>	<u> </u>

Special Collections by Treasurer for Contractors, Etc.

Balance to credit Jan. 1st, 1895.....	\$528 30
Transferred to General Appropriation Account by authority of Council, Feb. 26th, 1895.....	528 30
	<u> </u>

WARRANTS.

Amount of Warrants outstanding Jan. 1st, 1895..	\$ 6,942 69
“ “ drawn during year 1895....	267,799 75
	\$274,742 44
Amount of Warrants redeemed by Treasurer during year 1895.....	272,280 52
Amount of Warrants outstanding Dec. 31st, 1895,	\$2,461 92

Cash Statement, Treasurer's Account.

Cash on hand January 1st, 1895.....	\$ 79,563 05
From Taxes, First and Second installments.....	251,959 15
“ Miscellaneous sources.....	29,828 05
Total receipts.....	\$361,350 25
Amount Warrants redeemed by Treasurer.....	272,280 52
Cash in Treasury December 31, 1895	\$89,069 73
Less outstanding Warrants as above.....	2,461 92
Showing balance of cash available Dec. 31st, 1895,	\$86,607 81

NOTE A—See balance under head of “Receipts and Disbursements.”

NOTE B—There was \$102.00 taken to account by Treasurer, not charged on the Comptroller's books; said money having been accepted by Treasurer from Moriarity for liquor license without the necessary order from the Comptroller's office.

Treasurer's Statement.

Mr. J. H. Simonson, Comptroller for the City :

DEAR SIR:—Please find below a summary statement of receipts and disbursements for the year 1895, as shown by Treasurers' Ledger :

RECEIPTS.

Cash balance in Treasury January 1st, 1895	\$79,563 05
Receipts from taxes.... ..	\$251,959 15
" all other sources.....	29,930 05
Total.....	\$281,889 20
Deduct on account of suit pending in case against "Moriarity," and not taken into account by Comp- troller.....	102 00
	\$361,350 25

DISBURSEMENTS.

Amount of Warrants drawn by Comptroller and paid by Treasurer	272,280 52
Balance in Treasury December 31st, 1895.....	\$89,069 73

Yours Truly,

L. C. HUNTER, Treasurer,
For the City of Fort Wayne.

Tabulated Statement of the Bonded Debt.

Date of Issue.	FOR WHAT PURPOSE.	Amount.	Rate of Interest.	Amount of Annual Interest.	When Semi-Annual Interest Payable.	Where Interest Payable.	Date of Maturity.
Oct. 15, 1879.	For payment of certain city indebtedness.	\$85,000.00	6 per cent.	\$5,100.00	15th Apr. and Oct.	3d National Bank, N.Y.	Oct. 15, 1899.
Nov. 15, 1879.	For City Water Works	100,000.00	6 "	6,000.00	15th May "	" "	Nov. 15, 1899.
Dec. 31, 1879.	"	24,000.00	5 "	1,200.00	15th June "	" "	Dec. 31, 1899.
Jan. 15, 1880.	"	146,000.00	6 "	8,760.00	15th Jan. "	" "	Jan. 15, 1900.
Oct. 25, 1881.	For Funding certain city indebtedness.	4,000.00	5½ "	220.00	25th Apr. "	" "	each year
Oct. 10, 1883.	"	99,000.00	4½ "	4,455.00	10th Apr. "	" "	Oct. 25th
" "	"	100,000.00	4½ "	4,500.00	10th Apr. "	" "	Oct. 10, 1913.
" "	"	100,000.00	4½ "	4,500.00	10th Apr. "	" "	" "
Sept. 15, 1892.	For payment of certain city indebtedness.	12,000.00	6 "	600.00	15th Mar. "	Hamilton Nat'l Bank [Port Wayne	each year
July 10, 1894.	For South Wayne Water Works Bonds assumed by city of Port Wayne upon annexation of said town of South Wayne.	15,800.00	6 "	948.00	10th Jan. "	3d National Bank, N.Y.	July 10, 1914.
		\$685,800.00		\$36,283.00			

There were \$8,000.00 of matured Bonds redeemed in the year 1895.

NOTE—There is a State School Fund Mortgage against the No. 1 Engine House property of \$2,000.00, assumed by the city when the lot was purchased. Date of Mortgage January 20th, 1892. Due in five years, with interest at 6 per cent. per annum, payable annually in advance.

ASSESSMENT STATEMENT.

The following statement, based on certified reports from the County Auditor, shows the aggregate assessment and valuation for the years 1894-1895, of all taxable real and personal and railroad property in the city, as also the number of taxable polls and dogs therein.

	Tax duplicate of 1894. Collected during year 1895.	Tax duplicate of 1895. Collected during year 1896.
Real	\$15,808,695.00.....	\$16,705,445.00
Mileage		12,935.00
Personal	5,218,825.00.....	5,303,945.00
Railroad	744,360.00.....	753,615.00
Total	\$21,771,880.00	\$22,775,940.00
	1894.	1895.
Rate of taxation per \$100.00 is..	\$1.10.....	\$.95
Number of Polls.....	7,312.....	6,578
Number of Male Dogs....	948.....	948
Number of Female Dogs	44.....	61

NOTE—A special school fund levy of \$.15, for year 1895, collected in year 1896, for new school building in Lakeside was passed by the Council. The proceeds of said \$.15 levy will be paid by treasurer direct to the Board of School Trustees, according to Sections 124 and 125 of the Charter.

AUDITOR'S STATEMENT OF SETTLEMENTS WITH THE TREASURER.

The following statements from the County Auditor show the settlements made with the Treasurer for the first and second installments of taxes collected during the year 1895, as shown by the Tax Duplicate of the year 1894 :

Duplicate charges—current	\$254,468 84
Old taxes charged.....	53,439 99
Spring extras charged	2,558 78
Old “ “ and insolvent collected....	258 82

Total charges.....\$310,726 43

Second installment unpaid including

extras\$100,988 28

April delinquency unpaid including

extras..... 20,778 89

Old tax unpaid including extras..... 40,311 52 \$162,078 69

Leaves gross collections, ...\$148,647 74

Overcharges issued.....\$1,025 90

Refunders “ 362 90 1,388 80

Leaves actual cash collections..... \$147,258 94

I, C. W. Edsall, Auditor of Allen County, Indiana, do hereby certify that this is a true report of the collections of taxes made by the Treasurer of the city of Fort Wayne, as shown by the May, 1895, settlement.

In testimony whereof, I have hereunto set my hand
and affixed the seal of the Commissioner's Court,
of Allen County, Indiana, this 31st day of May,
1895.

C. W. EDSALL,

Auditor, Allen County, Indiana.

NOTE—Did charge the Treasurer with the sum of \$147,336.09, this being
\$77.15 more than collections as shown above, viz: \$147,258 94, on account of
undercharging this amount in December settlement of 1894.

Second installment unpaid May settlement, 1895.	\$100,988	28
First " delinquent at last May.....	20,778	89
Old delinquency credited on May sheet	40,311	52
Ten per cent penalty May and November, 1895, delinquency.....	2,402	64
Six per cent. penalty where both April and Novem- ber, 1895, remain unpaid.....	864	99
Treasurer's assessment charged since May settle- ment, 1895,.....	700	49

Total charges..... \$166,046 81

Collections of second installment since

May settlement, 1895, \$97,740 77

Collections of delinquencies

including penalty and

interest 7,223 60

Assessments and dropped

taxes collected 460 13 105,424 50

Total collections since May settlement,

1895..... \$105,424 50

Deduct Treasurer's 4 per cent.

fees on delinquent col-

lected since July 1st, 1895, \$223 84

Overcharges issued..... 281 96

Refunders issued..... 295 64 801 44

Leaves net amount due city, \$104,623 06

Deduct total collections from total charges, \$105,424 50

Leaves delinquencies Nov., 1895..... \$60,622 31

Deduct from total delinquencies, taxes carried to

Insolvent Record..... \$13,712 42

Leaves net delinquencies chargeable against

Treasurer..... \$46,909 89

I, C. W. Edsall, Auditor of Allen County, Indiana, do hereby certify this is a true report of the collections of taxes made by L. C. Hunter, Treasurer for the City of Fort Wayne, as shown by the Dec., 1895, settlement.

In testimony whereof, I have hereunto set my hand and affixed the seal of the Commissioner's Court of Allen County, Indiana, this 27th day of January, 1896.

C. W. EDSALL,
Auditor Allen County, Indiana.

STATEMENT OF FUNDS

FOR THE

Redemption of Improvement Bonds

AND INTEREST COUPONS,

AS SHOWN BY THE TRUST LEDGER.

RECEIPTS.

Cash in Treasury January 1st, 1895.....	\$ 1,616 94
Amount received from loan made July 11th, 1895, to anticipate collections on Old Improvement Account.....	2,500 00
Amount received from property holders—being assessments paid on the ten year plan, as cer- tified to this department by the Treasurer...	25,879 29
Total receipts.....	\$29,996 23

DISBURSEMENTS.

For redemption of Improvement Bonds and interest coupons.....	\$26,417 79	
For payment of loan of \$2,500.00 and interest thereon	2,562 50	\$28,980 29
Cash in Treasury Dec. 31st, 1895,.....		\$1,015 94

Total amount of Bonds and Interest past due on December 31st, 1895, not presented for pay- ment.....	\$1,102 48
--	------------

This Improvement Fund is of the nature of a trust between property holders and bond holders, the city merely collecting the assessments from property holders, and paying improvement bonds and interest as they mature. It is evident therefore, that there will be a deficiency in this fund to meet maturing bonds, if there be any delinquents.

The total amount of all Improvement Bonds outstanding on December 31st, 1895, was \$122,883.45, bearing interest at 6 per cent., payable semi-annually. These bonds are not classed as a part of the public debt.

STATE OF INDIANA, }
COUNTY OF ALLEN, } ss.

James H. Simonson, City Comptroller of the City of Fort Wayne, Indiana, being duly sworn, upon his oath says that the within and foregoing report is true as he verily believes.

JAMES H. SIMONSON,
Comptroller.

Subscribed and sworn to before me, this 10th day of February, A. D. 1896.

[SEAL.]

JOHN F. RODABAUGH,
Notary Public.

Department of Public Works,
1895.

SECOND ANNUAL REPORT
OF THE
Board of Public Works,
TO THE
HON. CHAUNCEY B. OAKLEY,
Mayor of the City of Fort Wayne,
FOR THE FISCAL YEAR ENDING DECEMBER 31, 1895.

BOARD OF PUBLIC WORKS,

FORT WAYNE, IND., 1895.



MEMBERS.

THOS. D. DEVILBISS,

LEVI GRIFFITH, to Oct. 24. WILLIS HATTERSLEY to Oct. 24.

W. H. McCLELLAND, HENRY A. READ.

Appointed Oct. 24. Appointed Oct. 24.

Clerk of Department, . . . A. J. YOU.

Asst. Clerk Department, . . JENNIE McCLELLAND.

ENGINEERING DEPARTMENT.

City Civil Engineer, . . . F. M. RANDALL.

Asst. City Civil Engineer, . . . DAN'L MCKENDRY.

STREET DEPARTMENT.

Superintendent of Streets, . . NELSON THOMPSON.

Asst. Superintendent of Streets, . . . JAS. F. BRICE.

PARKS DEPARTMENT.

Superintendent of Parks, . . . C. A. DOSWELL.

Asst. Superintendent of Parks, . . HENRY FREUND.

Department of Public Works.

OFFICE OF THE BOARD, }
FORT WAYNE, IND., January 1st, 1896. }

To the Honorable Chauncey B. Oakley, Mayor of the City of Fort Wayne, Indiana :

SIR :—

The Board of Public Works herewith presents to you their second annual report of the operations of the department of Public Works for the year ending December 31st, 1895.

The membership of the Board of Public Works appointed by you on May 3d, 1894, consisting of Thomas D. DeVilbiss, Levi Griffith and Willis Hattersley, with Thomas D. DeVilbiss, as its chairman, continued in charge of the Department until the 24th day of October, 1895, when Mr. Griffith and Mr. Hattersley resigned, and W. H. McClelland and Henry A. Read were appointed their successors; the Board now consisting of Messrs. DeVilbiss, McClelland and Read, met on the 26th day of October, 1895, and selected Mr. Thomas D. DeVilbiss as its Chairman.

In the preparation of the second annual report of the Department of Public Works, we have endeavored to explain the operations of the department under subjects, and have appended the reports of the City Civil Engineer and Superinten-

dent of departments, each of these reports are full and comprehensive.

The improvements undertaken in the preceding year and uncompleted December 31st, 1894, are shown in this report with the date of acceptance, and all work begun in the present year not completed is shown to the extent of the work up to December 31st, 1895.

During the year 1895, the Board entered into several very important contracts, and have beautified and improved our parks and maintained an efficient street repair and street cleaning force. The reports of the City Civil Engineer and Superintendent of the Departments detail minutely the character of the work done under direction of the Board.

ADDITIONS TO THE CITY.

The following plans or additions were improved and ordered for record in the office of the County Recorder :

Bond's Sub., Approved April 29th, 1895.

Klaehn's Sub., Approved October 11th, 1895.

M. S. Smith's Sub., Approved November 1st, 1895.

BUILDING PERMITS.

The building permits issued by the Comptroller upon recommendation of the Board from January 1st, 1895, to December 31st, 1895, are as follows :

January.....	3 permits.....	\$ 2,600 00
February	3 "	2,850 00
March	35 "	35,339 00
April	51 "	48,450 00
May.....	45 "	106,745 00
June.....	22 "	27,010 00

July	24 permits.....	42,100 00
August	26 "	24,240 00
September ..	32 "	42,274 00
October	18 "	14,225 00
November ...	20 "	25,785 00
December ...	5 "	6,600 00
284		\$378,218 00

DISPOSAL OF GARBAGE.

This subject involving the question of sanitation, has caused the Board considerable anxiety and investigation. During the year of 1894 the Vivartas Crematory Company constructed a crematory under contract made with the city, through its council, and offered the same to the Board of Public Works for acceptance. A trial test of said crematory demonstrated its incapacity, and the Board, by resolution, dated January 23rd, 1894, refused to accept the same for the city. On the 5th day of June, 1895, the Board, in conjunction with committee of council, composed of William Tigar, William Glenn and E. H. McDonald, accompanied by other city officials, visited the Dixon Garbage Crematory, located at McKeesport, Pennsylvania. The Committee of Council reported the results of their investigation and recommended the purchase of a Dixon Crematory, which recommendation was concurred in by Council. The Board caused proper advertisement to be made, and on the 3d day of July, 1895, accepted the proposal of W. J. Willis, contractor for the Dixon Crematory Company, of Findlay, Ohio, to construct the crematory, including buildings, capable of incinerating twenty (20) tons of garbage in ten (10) hours, in consideration of the sum of eight thousand dollars.

Contract dated July 8th, 1895, the work was completed November 11th, 1895.

The contract stipulated that all kinds of garbage, should include night soil and dead animals to be totally destroyed without annoyance or the emission of odors, and that said crematory be operated for three weeks under test conditions.

The test continued for three consecutive weeks, (during which time the Board fixed the 3d day of October, 1895, as a special test day) with all kinds of garbage, dead animals and night soil. The capability of the crematory to totally incinerate without the emission of odors and in accordance with the contract and specifications was established beyond question during the test referred to.

PERFORMANCE OF DIXON GARBAGE CREMATORY.

SPECIAL TEST, OCTOBER 3rd, 1895.

Garbage, 15 tons, delivered at intervals.

Night soil, 8 barrels, delivered at 10 o'clock a. m.

Horses, 3, delivered at 2 o'clock p. m.

Coal consumed, 1½ tons, time 10 hours.

DAILY EXPENSE OF OPERATING CREMATORY.

Per day of 10 hours, one man.....\$2 00

Per day of 10 hours, 1½ tons coal..... 3 60

Total.....\$5 60

Total cost per ton of garbage, 28 cents.

NOTE: The coal used was Indiana lump. Cost of coal will vary according to quality and location.

I, Nelson Thompson, Superintendent of Streets, for the City of Fort Wayne, hereby certify that I superintended the test of the Dixon Garbage Crematory made October 3rd, 1895, and that the above account of garbage consumed and coal used in the consumption thereof is correct.

NELSON THOMPSON.

ANALYSIS OF ASH FROM GARBAGE CREMATORY.

FORT WAYNE, Ind., October 21st, 1895.

To the Board of Public Works:

The ash from the Garbage Crematory was found to be free from organic material, there being present no partially consumed garbage.

An aqueous solution reveals the presence of phosphate in traces. Sulphates and chlorides are present in considerable quantity, combined with calcium, sodium and potassium.

The ash can be considered to be of very moderate commercial value. The total destruction of all organic material with a total absence of odor during the incinerating process proves the value and efficiency of the system.

L. PARK DRAYER,
City Chemist.

FORT WAYNE, Ind., October, 1895.

To the Honorable Board of Public Works:

GENTLEMEN—Complying with your invitation to attend a special test of the Dixon Garbage Crematory made October 3rd, 1895, we have to report that we examined the construction of the retort and witnessed the incineration of all kinds of garbage, dead animals and night soil on the date aforesaid, which were completely destroyed, and no offensive odors were discernible about the building or within the vicinity. A very small amount of smoke escaped from the stack, but no discernible odors. Everything taken from the lower part of the furnace was thoroughly burned.

We are satisfied with the capability of the crematory to incinerate all kinds of garbage, dead animals and night soil in a thorough and complete manner, and recommend its acceptance to the Board of Public Works.

GEO. B. STEMEN, M. D.

J. HETRICK, M. D.

A. E. VANBUSKIRK, M. D.

Board of Health and Charities.

Abstract of the Proceedings of the Board of Public Works.

October 11th, 1895.

(Vol. 1, Page 351, Minute Record.)

The Board of Public Works having been notified by W. J. Willis, (contractor for the construction of the Dixon Garbage Crematory) that said crematory and buildings were completed and ready for inspection and test, and the Board having heretofore fixed Thursday, the 26th day of September, 1895, as a date upon which to begin said test, the same to continue for three weeks, and having set Thursday, the 3rd day of October, 1895, for the purpose of a special test to which all departments of the city government were invited to attend (especially the City Council and Board of Public Health and Charities and City Chemist) said test of the capacity and capability of said crematory.

The Board of Public Works having given special attention to the construction of said buildings and crematory, all of which are in accordance with the contract, plans and specifications therefor, and having witnessed several tests and experiments and the cremation of all kinds of garbage, dead animals and night soil, do now, this the 11th day of October, 1895, adopt the following resolution:

Be It Resolved, That the Board of Public Works do hereby accept, for the city of Fort Wayne, the Dixon Garbage Crematory, erected under contract dated July 8th, 1895, and completed according to the terms of said contract, plans and specifications thereof. Adopted.

A. J. You,
Clerk

Attest:

There was present at the several tests, his Honor, the Mayor, and many councilmen, and the members of the Board of Public Works and Public Health and Charities, all of whom made special investigation into the capability of the crematory and pronounced it absolutely odorless, and equal to the performance of the specifications of the contract.

Since the acceptance of the crematory we have been able to dispose of our garbage with promptness and efficiency. The site selected for the plant is situated on one of our principal streets leading to the North Park, and we have not received or heard of a complaint on account of its location or the emission of offensive odors.

The Board of Public Works are of the opinion that the system adopted in this city, of disposing of garbage by complete incineration, is the best and safest means of providing proper sanitation and preventing the possibility of contagion.

Our present manner of collecting garbage has not given satisfaction, and we have decided to divide the city into districts, the extent of which shall not exceed the ability of one man and team to collect the garbage every other day. The disgusting and unsightly wagons now in use will be succeeded by the Hill Patent Steel Body Dump Wagon, four of which have been ordered and will be delivered on or about the first of February, 1896, when a complete and thorough system of collecting of garbage will be inaugurated.

PUBLIC LIGHTS.

The contract for public lighting existing between the city and the Jenney Electric Light and Power Company, was entered into June 26th, 1894, for the term of five years, at \$120 per lamp, of two thousand candle power each per annum.

Number of arc lamps January 1st, 1895	233
Ordered in December, 1895	7
	240

We have 240 arc lamps distributed throughout the city. In addition to these lights we have five arc lamps for use in our parks, which are lighted from May to November of each year, without expense, furnished gratuitous by the Jenney Electric Light and Power Company.

CONTRACTS AND FRANCHISES.

The Board was petitioned on the 16th day of September, 1895, by the Fort Wayne, Lake Everett and Columbia City Street Railway Company, through its President, C. E. Everett, for a contract granting said corporation the use of certain streets entering into the city.

The petitioners set forth that said company had in view the construction of an inter-urban electric railway between Columbia City and the city of Fort Wayne, and for the use of certain streets leading to the centre of the city and its depots, they would agree to construct a first-class road in every particular, and would give to the city two per cent. per annum of its gross receipts, and permit passengers to ride any place within the city limits at the low rate of eight tickets for twenty-five cents. They also offered to maintain the streets and alleys over which their road bed was laid and keep the same in good repair, agreeing to a limit of fifty years for the franchise.

The Board took the petition of said company under consideration, and after several meetings prepared a contract embodying many desirable propositions and submitted same for the consideration of council, which body on the 22nd day of

October, 1895, declined to ratify, and returned same to the Board. Subsequently a revision of the contract was prepared, properly signed by the officers of the company and the members of the Board, and again submitted for further consideration of council, which body by majority vote declined to ratify the same by ordinance.

Your Board in its annual report of 1894, took action to refer to the rights of cities to obtain remuneration from corporations to whom valuable franchises has been granted, and believe that its course in endeavoring to obtain for the city just compensation for the use of its streets and alleys, was consistent with the policy your honor desired to enforce.

We also believe that the present administration desire to encourage inter-urban lines to enter our city, and with that end in view your Board prepared the contract with the Fort Wayne, Lake Everett and Columbia City Street Railway Co. Through the action of a majority of council by refusing to ratify the contract with the said company our citizens of Fort Wayne were deprived of a very desirable inter-urban road and the city of a revenue from its earnings.

PARKS.

An appropriation of \$12,100 for park improvements rendered it possible for us to carry out our designs and beautify our parks. The improvement of Swinney Park in accordance with plans prepared by J. H. Lindrooth, of Chicago, and adopted by the Board on the 31st day of August, 1894, has been inaugurated and the work done by Mr. Theo. Kuelling, Engineer of Park improvements during the year reflects great credit. The driveways and walks are well under way, eighty-four one hundredth miles of drive and forty-four one hundredth miles of walks were graded and gravel-

ed, and sodded with a twenty-eight inch border. A large number of trees and shrubs were set out. A rockery wall was built in the north walk near Washington street entrance, and 316 feet of 8-inch sewer pipe was laid for drainage. This park, on account of the many natural advantages, will become the more beautiful as the plans for its improvements are carried out to completion.

The improvement of Reservoir Park also came under the direction of the engineer of park improvements. This park afforded an opportunity to construct a lake that would provide pleasure alike in summer and winter. The Board caused a cement walk to be laid on Clinton street side of the park and designed a lake, island and bridge, and placed an electric light upon the island, thus enabling the citizens of that neighborhood to enjoy the water. For more minute particulars the report of the Engineer of Park Improvements more fully described.

The North Side Park, McCulloch, Hayden, and Old Fort Parks, have each been improved and beautified. A large number of trees have been planted and additional shrubbery, and flowers have been placed in them. The annual report of Mr. C. A. Doswell, Superintendent of Parks, minutely described the varieties and kinds of trees and plants and other improvements made in these health resorts, which give beauty to our city and pleasure to our people.

STREET DEPARTMENT.

The work in this department comes under the supervision of Mr. Nelson Thompson, Superintendent of Streets, and includes street repairs, street cleaning, sewer repairs, sewer cleaning and bridge repairs. The efficient methods adopted by the

management of this department are attested by the cleanliness of our streets and crossings and the condition of repair during the past year. The system of cleaning our asphalt streets by hand has proven entirely satisfactory. Our block and brick streets are cleaned weekly with a sweeper.

We have demonstrated that the city can obtain economic results and give better satisfaction by performing the work with its own employes than by contract. All street cleaning and street and sewer repair work has been under the direction of the Superintendent of Streets.

BRIDGES.

Our bridges are in very good condition. We have been called upon to make slight repairs for the Clinton street bridge with a new flooring at the slight expense of \$361.87.

MAINTENANCE AND REPAIR OF STREETS.

The report of the Superintendent of Streets shows that a large amount of work was accomplished and many streets and alleys were graded and repaired. The approaches to West Main street bridge have been graded and paved with cedar block. 204 street, 110 alley crossings, and 68 culverts were built and repaired. His report also shows that the cleaning of our asphalt streets by hand, has been done at the low cost of \$2.27 per mile, and our brick and block streets cleaned with a sweeper has cost \$17.02 per mile.

SEWERS.

The repair of sewers and manholes and cleaning of catch basins and sewers has been done during the past season by a regular crew, which was especially placed on this work. They

have cleaned 734 catch basins at the low cost of \$670.75 which is about 90 cents each. In former years they were cleaned by contract at a cost of \$1.35 each, which will be seen by this comparison that we have saved the city forty cents per basin, or a total of \$293.00 during the year.

The systematic method of performing this work by a regular crew, proportioning their duties each day, has resulted in maintaining healthful sanitary conditions and avoided much unpleasantness and disease.

We take pleasure in commending the efficient and systematic methods employed in the street department, and refer you to the report for detail.

STREET AND ALLEY OPENINGS.

DECLARATORY PROCEEDINGS.

The growth of our city and the steady demand on the part of the property owners to obtain the advantages of street and alley outlets has caused the Board to pass on a large number of petitions requesting condemnation of property for street and alley purposes. The exercise of these great powers through Declaratory Proceedings, has always been preceded with great care and deliberation with a view to benefit and avoid damage to property. The following condemnatory proceedings were adopted by resolution :

DECLARATORY RESOLUTION No. 8.—Opening and extending of Liberty street from the east line of lots 7 and 14, J. W. White's Addition, to the west line of Begue street; also from the east line of lots Nos. 53 and 52, Thompkin's Addition to west line of lot Nos. 8 and 10, Jones' Addition.

Adopted May 6th, 1895.

Confirmed May 24th, 1895.

DECLARATORY RESOLUTION No. 9.—Opening and extending of Fifth street from the east property line of north Calhoun street to west property line of Clinton street.

Adopted May 10th, 1895.

Confirmed September 16th, 1895.

DECLARATORY RESOLUTION No. 10.—Widening of Fifth street from Wells street to the first alley west of Wells street to a width of twenty-six (26) feet.

Adopted June 24th, 1895.

Confirmed July 8th, 1895.

DECLARATORY RESOLUTION No. 11.—Opening and extending of an alley to a width of twelve (12) feet, between Lillie street and Walton Avenue, from Milan street to north line of lot 43, L. O. L.

Adopted July 12th, 1895.

Confirmed July 29th, 1895.

DECLARATORY RESOLUTION No. 12.—Opening and extending of Jane street to a width of fifty (50) feet from south property line of the first alley north of Grace street to Grace street.

Adopted August 10th, 1895.

Confirmed September 6th, 1895.

DECLARATORY RESOLUTION No. 13.—Widening of an alley to a width of ten (10) feet, between High and North streets, from Wells street to the west line of lot No. 12, McCulloch's Sub.

Adopted September 20th, 1895.

Confirmed October 4th, 1895.

DECLARATORY RESOLUTION No. 14.—Opening and extending Winch street to a width of fifty (50) feet from Penn street to Maumee Road.

Adopted October 14th, 1895.

Confirmed October 28th, 1895.

DECLARATORY RESOLUTION No. 15.—Opening of an alley to a width of twelve (12) feet, from Gay street to McCulloch's Second Addition.

Adopted October 14th, 1895.

Confirmed October 28th, 1895.

DECLARATORY RESOLUTION No. 16.—Vacating the alley between McCulloch and Cedar streets from Maumee Road to Summit street.

Adopted October 14th, 1895.

Confirmed October 28th, 1895.

DECLARATORY RESOLUTION No. 17.—Vacating Jane street, from Grace street to the alley north of Grace street.

Adopted November 1st, 1895.

Confirmed November 25th, 1895.

DECLARATORY RESOLUTION No. 18.—Opening and extending of Leith street to a width of fifty (50) feet, from east line of Barrett's Out Lot No. 4 to Hoagland Avenue.

Adopted November 15th, 1895.

Confirmed November 29th, 1895.

STREET IMPROVEMENTS.

All street and sidewalk improvements made during the year 1895 were petitioned for by resident property owners. The

Board had avoided making improvements on account of the depressed condition, except where the owners of property have sought the same.

The report of the City Civil Engineer shows that during the year 1895, there was constructed one and one-tenth miles of brick streets and the sidewalks during the year aggregate one and thirteen hundredth miles. The following resolutions were adopted in 1894, and in course of construction when the annual report was prepared for the year ending December 31st, 1894.

Improvement Resolution No. 15.—Adopted September 4, 1894. For the grading and paving of Harrison street from Main street to Superior street.

Contractor, Herman Tapp.

Accepted June 10th, 1895.

Improvement Resolution No. 16.—Adopted September 28th, 1894. For the grading and paving of the alley between Wayne and Berry streets, from Clinton street to Calhoun street.

Contractor, C. E. Moellering.

Accepted July 5th, 1895.

The following improvement resolutions were adopted and completed during the year 1895 :

Improvement Resolution No. 17.—Adopted March 15th, 1895. For grading and paving with vitrified paving brick Butler street from Calhoun street to Fairfield Avenue.

Contractor, Thomas B. Empie.

Accepted August 2nd, 1895.

Improvement Resolution No. 18.—Adopted March 15th, 1895.
For grading and paving with vitrified paving brick, Hanna street from Creighton Avenue to city limits.

Contractor, Thomas B. Empie.

Accepted November 8th, 1895.

Improvement Resolution No. 19.—Adopted March 23rd, 1895.
For grading and paving with vitrified paving brick Lewis street from Calhoun street to Lafayette street.

Contractor, Thomas B. Empie.

Accepted September 1st, 1895.

Improvement Resolution No. 22.—Adopted April 1st, 1895.
For grading Alliger street from Maumee Road to Wabash Railway.

Contractor, Julius Remus.

Accepted June 24th, 1895.

Improvement Resolution No. 23.—Adopted April 8th, 1895.
For grading the alley between Eliza street and Hayden street from Ohio street to McCulloch street.

Contractor, Julius Remus.

Accepted July 1st, 1895.

Improvement Resolution No. 24.—Adopted April 8th, 1895.
For grading alley between Wayne and Washington streets from Calhoun street to Broadway.

Proceedings discontinued April 26th, 1895.

Improvement Resolution No. 27.—Adopted May 10th, 1895.
For grading Herman street from St. Mary's Avenue to east line of lot No. 10, Hattendorf's Addition.

Contractor, George Wilhelm.

Accepted August 5th, 1895.

Improvement Resolution No. 31.—Adopted May 28th, 1895.
For the grading of the alley between Wayne and Berry streets
from Union to College street.

Postponed indefinitely, June 14th, 1895.

Improvement Resolution No. 32.—Adopted May 28th, 1895.
For grading Allen street from Calhoun street to Lafayette street.

Contractor George Wilhelm.

Accepted August 19th, 1895.

Improvement Resolution No. 36.—Adopted July 26th, 1895.
For grading an alley between Jefferson and Lewis streets from
Clinton street to Barr street.

Postponed indefinitely August 16th, 1895.

Improvement Resolution No. 41.—Adopted September 6th,
1895. For grading Hoagland Avenue from Pontiac street to
Killea street.

Contractor, W. H. Oetting & Co. Time extended to May
1st, 1896.

Improvement Resolution No. 43.—Adopted September 6th,
1895. For grading the alley between Calhoun and Harrison
streets from Creighton Avenue to Allen street.

Contractor W. H. Oetting & Co. Time extended to May
1st, 1896.

SIDEWALKS.

Improvement Resolution No. 20.—Adopted March 22nd, 1895.
Construction of flagstone sidewalk on the east and west side of
Clinton street from Columbia street to Berry street.

Contractor, Joseph Derheimer.

Accepted August 5th, 1895.

Improvement Resolution No. 21.—Adopted April 1st, 1895.
Construction of brick sidewalk on the north side of Park Avenue from Broadway to Thompson Avenue.

Contractor W. H. Oetting.

Accepted August 19th, 1895.

Improvement Resolution No. 25.—Adopted April 19th, 1895.
For Brick sidewalk on the south side of Walnut street from east line of Fox's Addition to Fox street.

Contractor William Horstman.

Accepted June 24th, 1895.

Improvement Resolution No. 26.—Adopted April 26th, 1895.
For brick sidewalk on the east side of Winter street from Pittsburg, Fort Wayne & Chicago Railway tracks to Edgerton street.

Contractor Frederick Oetting.

Accepted July 26th, 1895.

Improvement Resolution No. 28.—Adopted May 10th, 1895.
For brick sidewalk on the north side of Herman street from St Marys Avenue to east line of Lot 10, Hattendorf's Addition.

Contractor George Wilhelm.

Accepted August 5th, 1895.

Improvement Resolution No. 29.—Adopted May 20th, 1895.
For brick sidewalk on south side of Fourth street from Barthold street to Sherman street.

Contractor, Frederick Oetting.

Accepted August 5th, 1895.

Improvement Resolution No. 30.—Adopted May 28th, 1895.
For sidewalk on west side of Cass street from Lake Shore and Michigan Southern railway to First street.

Contractor, Julius Remus.

Accepted August 10th, 1895.

Improvement Resolution No. 33.—Adopted May 28th, 1895.
For sidewalk on south side of Allen street from Calhoun street to Clinton street.

Contractor, Julius Remus.

Accepted July 8th, 1895.

Improvement Resolution No. 35.—Adopted June 21st, 1895.
For flagstone sidewalk on the east side of Harrison street from south line of Columbia street to the first alley south of Columbia street.

Contractor, George Japp.

Accepted September 23rd, 1895.

Improvement Resolution No. 39.—Adopted August 12th, 1895.
For brick sidewalk on north side of Pontiac street from Hanna street to Smith street.

Contractor, Frederick Oetting.

Accepted December 16th, 1895.

Improvement Resolution No. 40.—Adopted December 6th, 1895. For brick sidewalk on the east side of Hoagland avenue from Pontiac street to Killea street.

Contractor, William H. Oetting.

Time extended to May 1st, 1896.

Improvement Resolution No. 42.—Adopted September 6th, 1895. For brick sidewalk on the west side of Hoagland avenue from Pontiac street to south line of Ninde's addition.

Contractor, W. H. Oetting & Co.

Time extended to May 1st, 1896.

Improvement Resolution No. 44.—Adopted September 27th, 1895. For brick sidewalk on south side of Washington street from Francis street to Harmer street.

Contractor, Henry A. Gerberding.

Accepted December 16th, 1895.

Improvement Resolution No. 45.—Adopted September 30th, 1895. For brick sidewalk on the south side of Ida avenue from Metz street to west line of Electric Light addition.

Contractor, Julius Remus.

Accepted December 20th, 1895.

SEWERS.

The Board pursuant to the petition of resident owners of property in the west end of the Fifth ward (called Nebraska) caused the construction of a main sewer to drain all the contiguous territory abutting the alley north of West Main street from St. Mary's river to the Lake Shore and Michigan Southern railway, and that part of the city lying west of the Lake Shore and Michigan Southern railway and north of Main street, under the terms of the following resolution:

Main Sewer Improvement Resolution No. 1.—Adopted May 27th, 1895. For the construction of a main sewer in the alley north of West Main street from St. Mary's river west to the first alley west of Runion avenue, and on Cleveland avenue from first alley north of Main street to a point three hundred

and sixty (360) feet north of the first alley north of Main street; said sewer to be a vitrified clay pipe sewer.

Contractor, Julius Remus.

Date of acceptance set for January 31st, 1896.

LOCAL SEWERS.

Local sewers ordered by the Board and in course of construction on December 31st, 1894, completed and accepted in 1895, are as follows:

Local Sewer Improvement Resolution No. 8.—Adopted Oct. 22nd, 1894. For the construction of an 18-inch vitrified clay pipe sewer in the alley between Wayne and Berry streets from Calhoun street to a point sixty (60) feet west of Clinton street.

Contractor Thomas B. Empie.

Accepted April 29th, 1895.

Local Sewer Improvement Resolution No. 9.—Adopted Oct. 22nd, 1894. For the construction of a 15-inch vitrified clay-pipe sewer in the alley between Grant Avenue and Wabash Avenue from the brick sewer on Randall street to Humphrey street.

Contractor John Bertels.

Accepted January 18th, 1895.

Local Sewer Improvement Resolution No. 10.—Adopted Oct. 26th, 1894. For the construction of a 15-inch vitrified clay pipe sewer in the alley west of Jackson street to the St Mary's river.

Contractor Anton Reig.

Accepted January 28th, 1895.

Local Sewer Improvement Resolution No. 11.—Adopted Oct. 26th, 1894. For the construction of an 18-inch and 15-inch vitrified clay pipe sewer on VanBuren street in the alley between Greeley and Superior streets, from VanBuren street to Fulton street, and other connections.

Contractor Michael Singleton.

Accepted May 13th, 1895.

Local Sewer Improvement Resolution No. 12.—Adopted December 10th, 1894. For the construction of an 18-inch vitrified clay pipe sewer in the first alley east of Lafayette street and connections; also 15-inch sewer in the alley west of Lafayette street and connections; also 15-inch sewer in the alley between Lafayette and McLachlan streets; also, a 12-inch sewer in the alley between McLachlan and Jane streets; also 12-inch sewer in the first alley north of Grace street; also 10-inch sewer in the first alley south of Leith street; also a 12-inch sewer in the alley north of Grace street to Leith street and connections.

Contractor, William H. Oetting.

Accepted June 17th, 1895.

Local Sewer Improvements.

FOR THE YEAR 1895.

The following local sewers were constructed by authority of the Board and accepted during the present year:

Local Sewer Improvement Resolution No. 13.—Adopted March 11th, 1895. For the construction of a 15 and 12-inch vitrified clay pipe sewer in the alley between Erie and Liberty streets from Coombs street to Hanover street.

Contractor, John Bertels.

Accepted July 1st, 1895.

Local Sewer Improvement Resolution No. 14.—Adopted April 12th, 1895. For the construction of a 15-inch vitrified clay pipe sewer in the first alley north of Erie street from Coombs street to Hanover street.

Contractor, Julius Remus.

Accepted July 26th, 1895.

Local Sewer Improvement Resolution No. 15.—Adopted April 15th, 1895. For the construction of an 18-inch and 15-inch vitrified clay pipesewer in the alley on the west line of Farnan's addition, with other connections.

Contractor, Julius Remus.

Accepted August 16th, 1895.

Local Sewer Improvement Resolution No. 16.—Adopted April 15th, 1895. For the construction of a 15-inch vitrified clay pipe sewer, in the alley between Suttentfield and Allen street from Clinton street to the first alley west of Lafayette street.

Contractor, William Horstman.

Accepted August 16th, 1895.

Local Sewer Improvement Resolution No. 17.—Adopted April 15th, 1895. For the construction of a 15-inch vitrified clay sewer on Pontiac street from Webster street to the first alley west of Calhoun street.

Contractor, William H. Oetting.

Accepted August 19th, 1895.

Local Sewer Improvement Resolution No. 18.—Adopted May 17th, 1895. For the construction of an 18-inch vitrified clay-pipe sewer in the first alley east of Harrison street and connections: also a 12-inch sewer in the first alley north of First street; also 12-inch sewer on Harrison street; also 12-inch sewer in first alley south of Third street and other connections thereto.

Contractor, Julius Remus.

Accepted September 6th, 1895.

Local Sewer Improvement Resolution No. 19.—Adopted June 31st, 1895. For the construction of an 15-inch vitrified clay pipe sewer in the first alley west of Wells street from the brick sewer on Third street to High street.

Contractor, Julius Remus.

Accepted September 16th, 1895.

Local Sewer Improvement Resolution No. 20.—Adopted June 21st, 1895. For the construction of a 12-inch vitrified clay pipe sewer in the alley between Calhoun and Clinton streets, from the north line of Allen street to Pontiac street.

Contractor, Anton Reig.

Accepted September 6th, 1895.

Local Sewer Improvement Resolution No. 21.—Adopted June 21st, 1895. For the construction of a 12-inch vitrified clay-pipe sewer on Holton Avenue and connections.

Contractor, Julius Remus.

Accepted October 7th, 1895.

Local Sewer Improvement Resolution No. 22.—Adopted August 2d, 1895. For the construction of a 15-inch vitrified clay pipe sewer in the alley between Hanna and Force streets from Pontiac street to Tenth street.

Contractor, W. H. Oetting.

Accepted October 7th, 1895.

Local Sewer Improvement Resolution No. 23.—Adopted August 30th, 1895. For the construction of an 18-inch vitrified clay pipe sewer in the alley between St. Mary's Avenue and Oakland street, and 15-inch extension to other connections.

Contractor, W. H. Oetting & Co.

Accepted December 16th, 1895.

Local Sewer Improvement Resolution No. 24.—Adopted August 30th, 1895. For the construction of a 12-inch vitrified clay pipe sewer in the alley between Winter and Lillie streets, from Hayden street to north line of L. O. L., No. 17.

Contractor, W. H. Oetting & Co.

Accepted December 16th, 1895.

Local Sewer Improvement Resolution No. 25.—Adopted September 9th, 1895. For the construction of a system of local sewers on Broadway, Brackenridge street and other streets and alleys located in the southern part of the Fifth ward.

Contractor W. H. Oetting & Co.

Time extended to May 1st, 1896.

Local Sewer Improvement Resolution No. 26.—Adopted September 23rd, 1895. For the construction of a 16-inch vitrified clay pipe sewer on Huffman street; also, 12-inch sewer in the alley north of Huffman street; also 12-inch sewer in said alley from Oakland street to St. Mary's River.

Contractor, Anton Reig.

In course of construction December 31st, 1895.

Local Sewer Improvement Resolution No. 27.—Adopted September 30th, 1895. For the construction of a 15-inch and 12-inch vitrified clay pipe sewer in the first alley south of Hayden street, from Gay street to Winter street.

The remonstrance was filed October 14th, 1895, and on motion the Board of Public Works indefinitely postponed the taking of final action.

Local Sewer Improvement Resolution No. 28.—Adopted Oct. 28th, 1895. For the construction of a 24-inch vitrified clay pipe sewer, commencing at the brick sewer on High street at the first alley west of St. Mary's Avenue thence north to Dreier and Williams' Addition; also, 20-inch sewer commencing at Dreier and Williams' Addition, thence north through certain alleys to the north line of Spring street. Also, an 18-inch sewer in the alley between St. Mary's Avenue and Franklin Avenue; also 15-inch sewer in said alley from Putnam street to Archer Avenue.

Contractor, Julius Remus.

In course of construction December 31st, 1895.

Local Sewer Improvement Resolution No. 29.—Adopted Oct. 28th, 1895. For the construction of a 12-inch vitrified clay pipe sewer in the first alley east of Fairfield Avenue from first alley north of Williams street to Williams street.

Contractor, Julius Remus.

In course of construction December 31st, 1895.

Public Grounds and Buildings.

The City of Fort Wayne is in possession of valuable holdings and improved real estate, an inventory giving location, area and character of buildings and uses of such properties is hereby given. All other city properties are in charge of independent Boards, such as School Trustees and Water Works Trustees, and will be treated in their several reports.

PARKS.

Wells Reserve, parts of lots 1, Wells Reserve east of Spy Run, one acre. All parts of said Park Addition except lots 6, 7, 8, 14, 76, 83, 101, 102, 103, 111 and 112, area 30.2 acres.

Swinney Park, 45.25 acres.

Ninde's First Addition. Lots 1 to 13. Jones' Plat, lots 11, 12 and 13, area two acres. (Gravel Pit.)

Hayden Park, 1.12 acres.

Old Fort Park, Taber's Addition, lot 40, area 0.18 acres.

McCulloch Park, part of the south one-half of the north-west one-quarter of section 11, township 30, range 12, area 4 acres.

RESERVOIR.

Hamilton's Fourth, lots 336 to 350.

" " " 365 to 394.

" " " 409 to 423, area 13 acres.

CITY HALL.

Market space, north end, situate on Barr street and Berry street.

CITY MARKETS.

Market space, south end, situate on Barr and Washington streets. Area, market space, three-fourths of an acre.

CITY SCALES.

Are situated on Calhoun street, between Superior street and first alley north of Superior street, and fitted up with Howe Standard Scales.

ENGINE HOUSE No. 1.

Situate on Main street, lot No. 1, County Addition, 70x150 feet.

ENGINE HOUSE No. 2.

Situate on Wallace street, lot No. 206, Lewis' Addition, 50x150 feet.

ENGINE HOUSE No. 3.

Situate on Washington street, lot No. 465, Hanna's Addition, 60x150 feet.

ENGINE HOUSE No. 4.

Situate on Maumee Avenue, lot No. 85, Chute's Homestead Addition, 50x143 feet.

ENGINE HOUSE No. 5.

Situate on Broadway, lot No. 32, G. W. Ewing's Second Addition, 34x108 feet.

ENGINE HOUSE No. 6.

Situate on Wells street, east eighty feet lot 29, Farnan's Addition, $43\frac{1}{2} \times 80$ feet.

The many duties devolving upon the Board requires at all times their constant attention and the exercise of fair and impartial judgment, in order to conserve the best interests of the city.

The Board have endeavored to perform its duties in conformity with the policy of the administration, and have made conscientious efforts to further the interests of our city by prosecuting the work assigned to the Department with diligence and economy.

During the year 1895 the Legislature amended the laws relating to the method of assessing benefits for street improvements and compelled the city to pay the cost of street improvements not otherwise assessed upon abutting property, which includes the street and alley crossings. This change from former methods, places a very large proportion of the expense upon the city, thereby preventing much needed improvements on account of insufficient appropriations for street intersections.

The work of the department has been fully discussed under the several heads and embodies the acts of the Board from January 1st, 1895, to December 31st, 1895. The annual report of the Department of Finance will give a full account of the monies appropriated and expended by the departments.

In submitting the second annual report of the Department of Public Works, the Board deem it proper to give expression of their appreciation of the services of the City Engineer, Superintendents and assistants in the several departments.

The amount of work accomplished and cleanly condition of our city reflects great credit upon the several officers in charge.

Respectfully submitted,

THOS. D. DEVILBISS,

W. H. MCCLELLAND,

HENRY A. READ,

Board of Public Works.

Attest :

A. J. YOU, Clerk.

REPORT OF
Superintendent of Streets.
1895.

Report of Superintendent of Streets.

FORT WAYNE, IND., January 1st, 1896.

To the Honorable Board of Public Works:

GENTLEMEN:—I have the honor herewith to submit to you for your consideration the following report of the transactions of the Street Department, for the year ending December 31st, 1895.

GENERAL EXPENDITURES.

MAINTENANCE, STREET GRADING AND REPAIRING.

Labor—Gravel, cinders and broken stone,	\$1,927 52	
“ Grading Walton Avenue.....	216 94	
“ “ West Jefferson street....	65 50	
“ “ Oakland street.....	49 80	
“ “ West Superior street	51 39	
“ “ Centre street	98 83	
Ground for Centre street	19 60	
		————— \$1,927 52

Grading and paving approaches to West Main street bridge.

Labor	\$560 38	
Material, 1,490 sq. yds. cedar blocks, at \$.25	372 50	
“ Curbing	83 75	
“ Gravel	50 00	
“ Repairing tools	3 70	
		————— \$1,070 33

Labor—Grading approaches to contract work.....	\$182 61	
Labor— Road grader	297 60	
“ Level after contractors	40 49	
	—————	\$520 70

GUTTERS.

Clean and repair.....	\$2,426 89
-----------------------	------------

PLANK CROSSINGS AND CULVERTS.

Lumber, etc.,.....	\$1,697 13	
Labor.....	501 32	
“ Clean crossings	295 21	
	—————	\$2,493 66

SIDEWALK CORNERS, IMPROVED STREETS.

Labor—Grading and laying.....	\$ 77 94	
Brick, 20500 at \$6.00	93 00	
	—————	\$ 200 94

REPAIRING CEDAR BLOCK STREETS.

Labor.....	\$822 01	
Cedar Blocks, 2060 sq. yds., at \$.25	515 00	
	—————	\$1,337 01

STREET CLEANING.

General labor.....	\$4,190 93	
Sprinkling by contract.....	140 00	
Material for brooms	99 55	
General labor, Asphalt.....	967 57	
	—————	\$5,398 05

SEWERS.

General labor, catch basins, new and re-		
paired	\$351	28
General labor, catch basins, cleaned 734...	670	75
“ “ flushing sewers	295	51
Material, sewer pipe, cement, etc.....	208	60
“ rubber boots and coats.....	16	50
“ brick, 7890, at \$6.00	47	34
“ iron covers.....	738	07
“ harness.....	6	25
	—————	\$2,334 30

BRIDGES.

Lumber and nails.....	\$279	31
Labor.....	82	56
	—————	\$ 361 87

SANITARY.

Cut weeds.....	\$ 103	36
Fountain repaired.....	83	76
Stationery.....	6	15

TOOLS.

Hardware and tools.....	\$ 72	85
Repairing tools.....	124	06
	—————	\$ 196 91

Total.....	\$18,461	45
------------	----------	----

During the year 204 street crossings have been put down, averaging 42 feet in length, 110 alley crossings, averaging 14 feet in length; also, 68 culverts built and repaired.

In the item of street cleaning will be found the sum of \$140.00 for sprinkling market space on Barr street by contract.

During the past season there was 678 miles of paved streets cleaned, of this amount 426 was asphalt, costing on an average \$2.27 per mile, the remaining 252 miles were brick and block, the average cost of which was \$17.02 per mile.

INVENTORY.

I also report the following inventory of material and tools on hand:

2 Street Sweepers.	1 Saw Clamp.
3 Steel-frame Road Graders.	5 Lanterns.
2 Plows.	1 Hydrant Pump.
2 2-wheel Road Scrapers, old	1 Drawing Knife.
2 Dump Scrapers.	1 Hand Ax.
1 Steam Road Roller.	1 Spirit Level.
1 Horse Roller.	4 Oil Cans.
2 Pair Rubber Boots.	2 Mowing Scythes.
3 Rubber Coats.	2 Block Mauls.
6 Scoop Shovels.	1 Ax.
1 Hose Cart.	1 Brace and Bits.
500 Feet of Hose.	12 Snow Shovels.
1 Post Auger.	5 Shovels.
1 Grind Stone.	3 Wheel Barrows.
2 Hand Saws.	2 Monkey Wrenches.
1 Cross-Cut Saw.	1 Log Chain.
1 Adz.	4 Garbage Boxes.
2 Crow Bars.	2 Ladders.
13 Picks.	38 New Iron Tops.
15 Mattocks.	50 Feet of 12-in. Sewer Pipe.
6000 Feet of Oak Lumber.	

Respectfully Submitted,

NELSON THOMPSON,
Supt. of Streets.

REPORT OF
SUPERINTENDENT OF PARKS.
1895.

Report of Superintendent of Parks.



FORT WAYNE, Ind., Jan. 1st, 1896.

To the Honorable Board of Public Works:

GENTLEMEN:— I herewith submit to you for your inspection, the annual report of the Department of Parks for the year ending December 31st, 1895.

In this report will be specified a detailed account of all improvements in the various parks.

NORTH SIDE PARK.

This park is located in the north part of the city and contains thirty and one-fifth acres, and makes a beautiful piece of ground for park purposes. The green-houses are located in this park. Plants and flowers are propagated and raised here sufficient to supply all the demands of the Board in beautifying the various parks. Fifteen thousand plants were set out in this park. In the past year the Board has begun the grading of an additional driveway around the north end, and have placed fourteen new settees in the park. They have also planted a variety of young trees.

McCULLOCH PARK.

McCulloch Park is located on South Broadway and contains four acres. A large proportion of the ground is covered with fine old trees. A variety of young trees were planted the past year among which are a number of Mountain Ash and weeping Birch.

This park received fourteen thousand plants and is a very popular resort during the summer season. A pleasing feature is the fountain, the basin of which contains fish that furnish amusement to the children who delight in watching and feeding them during the summer.

HAYDEN PARK.

Hayden Park contains one and twelve-hundredths acres and is located in the eastern part of the city fronting on Harmer street and running east along the Maumee road to Division street. It is well sodded and covered with young trees, and each year ornamented with plants in various designs, this year receiving six thousand plants. The Board has also in the past year placed a number of young trees in this park.

SWINNEY PARK.

This park, which will be the finest of our parks, contains forty-five and one-fourth acres. It is located in the extreme western part of the city, and in many respects it is the most beautiful in its natural advantages of the city parks. It is well covered with valuable growth of timber and is fortunate in its topography, comprising as it does a pleasing variety of the smooth and level surface as well as the rough and more broken land, so desirable in a park of this nature. At different points of the more elevated portions of the park a magnificent view can be had of the surrounding grounds. The improvement done by the Board the past season of grading driveways and walks is well under way. A large portion of the grounds along its driveways are leveled and finished ready to seed this coming spring. During the past season a large number of different kinds of trees and shrubs were set out along its drives

and walks, which will add much to the park this coming summer.

RESERVOIR PARK.

Reservoir Park, which is provided with a lake, is located in the southern part of the city, work of excavating this lake being done the past year. The average depth is three feet, water being supplied by the City Water Works. The surrounding grounds are graded and ready for seeding in the spring. The banks of the lake are already sodded, also the high terrace on the east and south sides, except two hundred feet on the south terrace, which will be finished early in the spring of 1896.

During this winter season, the lake has been kept in good condition for skating and hundreds of people availed themselves of this privilege daily. Trees have been planted on the north and west sides of the lake. The park contains thirteen acres.

OLD FORT PARK.

This little spot of ground is kept to mark the place where the old fort stood, contains eighteen-hundredths of an acre, and is located at the east end of Main street. It is cared for each year and planted with flowers.

LIST OF PROPERTY.

The following is a list of the property owned by the city and now under the control of the Board of Public Works:

Swinney Park.....	45.25	acres
North Side Park.....	30.20	"
McCulloch Park.....	4.	"
Reservoir Park.....	13.	"

Hayden Park.....	1.12 acres.
Old Fort Park.....	0.18 "
Total.....	93.75 acres

TREES AND SHRUBS.

The number and kind of trees and shrubs planted the past year are as follows :

NORTH SIDE PARK.

Catalpa	45
Mountain Ash	12
Cut Leafed Weeping Birch	12
Norway Maple	13
Soft Maple.....	85
Camperdown Elm.....	3
American Sweet Chestnut	10

McCULLOCH PARK.

Mountain Ash	13
Catalpa	15
Cut Leafed Weeping Birch	11
Norway Maple	6
American Sweet Chestnut	3
Camperdown Elm	2

HAYDEN PARK.

Soft Maple	31
Catalpa.....	10
Norway Maple	6

SWINNEY PARK.

Carolina Poplar.....	50
Flowering Horse Chestnut.....	25
Catalpa.....	142
Soft Maple.....	200
Shrubs, various kinds	208

RESERVOIR PARK.

Carolina Poplar.....	50
Soft Maple.....	100

Total number planted.....1052

I wish to state that the trees planted in the spring made a fine growth through the summer and those planted in the fall are all in good condition.

In conclusion, permit me to offer thanks to his Honor, the Mayor, and the Board of Public Works for their co-operation and sympathy in all matters of interest pertaining to this department.

Respectfully Submitted,

C. A. DOSWELL,

Supt. of Parks.

INVENTORY.

2 Hand Axes.	3 Weed Hoes.
1 Cross-Cut Saw.	3 Spades.
2 Hand Saws.	2 Fork Spades.
1 Key Hole Saw.	5 Shovels.
1 Square.	2 Trowels.
1 Chisel.	2 Four-Tine Forks.
1 Draw Knife.	1 Pick.
1 Hammer.	3 Mattocks.
2 Monkey Wrenches.	1 Pinch Bar.
1 "A" 14.	2 Wheel Barrows.
1 Saw Set.	1 Garden Wheel Barrow.
2 Grind Stones.	2 Hand Carts.
1 Screw Driver.	1 One-Horse Wagon.
1 Lawn Mower Sharpener.	1 One-Horse Lawn Mower.
1 Hedge Shears.	1 One-Horse Weed Plows.
1 Tree Pruner.	3 Hand Lawn Mowers.
3 Grass Shears	3 Sieves.
3 Sickles.	6 Brooms.
3 Scythes and Snaths.	1 Lantern.
2 Edging Knives.	1 Oil Can.
3 Weed Gouges.	2 Bushel Baskets.
8 Wooden Lawn Rakes.	1 Fumigator.
5 Iron Lawn Rakes.	1 Twelve-foot Ladder
6 Hoes.	1 Step Ladder.

SUPPLIES.

- 610 Feet of Garden Hose.
- 6000 Flower Pots, various sizes.
- 6 Lawn Sprinklers.

REPORT OF
Special Park Department.
1895.

Special Park Department.

BOARD OF PUBLIC WORKS, (
 FORT WAYNE, IND., January 1st, 1896.)

To the Honorable Board of Public Works:

GENTLEMEN :—The following is a report of the work done by the Special Park Department during the year ending December 31st, 1895.

SWINNEY PARK.

GRADING.

During the year eighty-four one-hundredth miles of drives were graded, including the main drive beginning at the terminus of Washington street and the connection drive just west of the proposed monument site. Much of the earth used was cut from the rough places that were so prominent along the proposed lines of the drives, thus developing the surroundings of the drives and at the same time making a short haul for the excavated earth. In addition to the drives, forty-four one-hundredth miles of walks were graded and about twenty acres were developed and prepared for detail work. 30148 cubic yards of earth were moved at an average cost of seven cents (\$.07) per yard.

GRAVELING.

A three-inch layer of gravel was spread over 4500 feet of the drives and thoroughly rolled. A second layer, three inches thick was spread over 1600 feet of the main drive. A three-inch layer was spread over the walks that were graded. 2683

cubic yards of gravel were hauled from the old gravel pit in the park at an average cost of twenty cents (\$.20) per yard, including the labor of removing the stripping. The gravel pit has a twenty-four foot face and the fine and coarse gravel can be separated easily as it is needed.

SODDING.

2602 squares of sod were cut from various points in the park at a cost of thirty-eight cents (\$.38) per square. All the banks that were completed were sodded and the drives and walks were defined by a twenty-eight inch border of sod.

TREES AND SHRUBS.

\$143.00 worth of trees and shrubs were set out during the past season, as follows: 200 Maples, 50 Carolina Poplars, 50 Catalpas, 25 Horse Chestnuts, and 208 various kinds of flowering shrubs.

DRAINAGE.

316 feet of eight-inch sewer pipe and three brick catch basins were built during the past year.

ROCKERY.

A retaining wall containing twenty-three cubic yards of stone was built in the north walk near Washington street, and 106 cubic yards were hauled out of the St. Mary's river. The latter are intended for a cave to be built at the south end of picnic ground.

WATER SUPPLY.

212 feet of six-inch water pipe were laid at a cost of \$137.00 including two pave washers and one gate at the Washington street entrance.

FENCES AND BUILDINGS.

975 feet of board fence was built around the south-east portion of the park. One old dwelling and three sheds were taken down, and one shed was taken to the picnic ground. The latter will be transformed into a rustic pavillion.

RESERVOIR PARK.

GRADING.

Twenty-eight one-hundredth miles of walks and terrace were built around the lake, excepting a small portion on Creighton Avenue and Clinton street. 7964 cubic yards of earth were moved at an average cost of thirteen cents per yard. Most of this was used in the island, which is 335 feet long. Thirty-three cubic yards of gravel and stone screenings were spread over the walks.

SODDING.

215 squares of sod were laid at an average cost of 60 cents per square.

ROCKERY.

A rockery containing twelve cubic yards of stone was built around the supply pipe at the east end of the lake.

BRIDGE.

A foot bridge ten feet wide and thirty-four feet long, containing two spans, was built between the east terrace and the island.

MASONRY AND DRAINAGE.

A brick retaining wall with wing walls, was built at Clinton street and Creighton Avenue. An overflow and outlet pipe extend through the wall and are connected with the city sewer. The outlet pipe contains a twelve-inch water gate.

TREES AND SHRUBS.

100 Maples and 50 Carolina Poplars were set out during the past season.

INVENTORY OF TOOLS.

1 Crow Bar.	1 Maul.
3 Mattocks.	2 Clay Picks.
1 Rake.	1 Sod Edger.
1 Pike Pole.	2 Water Buckets.
1 Monkey Wrench.	100 Feet Garden Hose.
1 Hose Clinch.	2 Sprays.
1 Spirit Level.	1 Ax.
1 Sod Cutter.	1 Hand Roller.
1000 Feet Marking Line.	3 Files.
2 Bits.	1 Plow Point.
1 Chair.	1 One Hundred foot Steel Tape.

Respectfully submitted,

T. KUELLING,

Engineer Park Improvements.

REPORT OF
CITY CIVIL ENGINEER.
1895.

Report of City Civil Engineer.

ENGINEERING DEPARTMENT, }
FORT WAYNE, Ind., January 1st, 1896. }

To the Honorable Board of Public Works:

GENTLEMEN:—The City Civil Engineer respectfully presents the following report of the transactions of the Engineering Department for the year ending December 31st, 1895.

STATEMENT OF SALARIES AND EXPENDITURES.

Salary of City Engineer and Assistants	\$2,420 00
Miscellaneous expense.....	308 10
Total.....	\$2,728 10

PLANS AND SPECIFICATIONS.

Plans and specifications have been prepared for improvements as follows:

Street paving	3
Street grading	4
Brick sidewalks.....	15
Sewers	18
Alley paving	2
Alley grading	2
Stone flagging	2
Plans for street and alley openings	11

CONTRACTS.

The contracts for the various improvements made during the past year number forty-four, of which all but eight were completed. Forty-one final estimates and assessments of work finished have been made and reported.

The preparing of assessments is a large and important branch of the department, and the matter of determining ownership has been difficult by reason of the record of the transfers of property not having been kept up, but even with this disadvantage it is seldom an error occurs in the great number of assessments reported.

During the past year a new lot of books have been purchased and all lots are now being registered in this record, and within the next sixty days we expect to have the same in use.

STREETS PAVED.

During the past year four streets have been paved with fire-clay block and brick, upon a concrete and broken stone foundation, the length of which is one and one-tenth miles, and embraces 20158 square yards, the cost of which was \$31,710.94, of this amount the property paid \$27,150.07, the city paying the balance, \$4,560.87.

The total length and square yards of the different kinds of pavement in this city, are as follows :

Trinidad Asphalt.....	2.65 miles....	55,779 sq. yds.
Shale and Fire Clay, brick and block.....	4.60 "	88,788 "
Cedar Block	11.53 "	236,800 "
Macadam.....	0.74 "	12,523 "
Cobble Stone.....	0.22 "	3,658 "
Totals.....	19.74 "	397,448 "

ALLEYS PAVED.

The length of Alleys paved with brick the past season is 377 lineal feet, and 586 is the number of square yards used. Total length of alleys paved is two miles, as follows :

Brick	1.30 miles.....	10,280 sq. yds.
Cedar Block.....	0.50 " 	3,711 "
Cobble Stone.....	0.20 " 	1,036 "
Totals.....	2.00 " 	15,127 "

STREETS GRADED.

Three streets or parts of streets were graded the length of which is 0.6 miles, the amount of earth handled being 3517 cubic yards, the cost of which was \$587.36.

ALLEYS GRADED.

There was 782 feet of alleys graded, and 429 is the number of cubic yards of earth handled, costing \$118.22.

BRICK SIDEWALKS.

There was 1.13 miles of brick sidewalk laid the past year, the cost of the work being \$1,774.70. The contracts for three sidewalks were not completed at the close of the season, and the contractors having asked for an extension of time, the Board granted them until May 1st, 1896.

STONE FLAGGING.

The sidewalks upon parts of two streets had flag stone laid upon them, the length of which is 531 feet, costing \$2,226.18.

CEMENT WALKS.

A six-foot cement walk was laid by the city upon the east side of Clinton street from Creighton Avenue to Suttentfield street to the length of 700 feet, costing \$679.25. This walk is on the west side of the lake at the reservoir and was a much needed improvement.

SEWER.

The past year our sewer system has had 3.77 miles of local sewers added to it, of the following sizes:

18 inch.....	0.65 miles.
15 "	1.80 "
12 "	1.21 "
10 "	0.11 "
Total.....	3.77 "

Forty-four catch-basins and seventy-six manholes were built in connection with these sewers; the total cost expended for sewers was \$11,741.73.

The following table shows the total length and sizes of the several main and lateral sewers in the city:

DIAMETER.		MATERIAL.	LENGTH.	
FEET.	INCHES.		FEET.	MILES.
	10	Clay Pipe	592	0.11
	12	"	26276	5.00
	15	"	83964	16.00
	18	"	57977	11.00
	20	"	7682	1.45
	24	"	6264	1.18
	6	and Brick	8490	1.60
2	6	Brick	10670	2.02
3		"	9220	1.75
3	6	"	9567	1.81
4		"	3710	0.70
4	6	"	6835	1.30
5		"	17992	3.40
6		"		
		Totals	249239	47.32

STATEMENT OF REVENUE AND EXPENDITURES
OF STEAM ROLLER.

There was charged to the contractors and collected by the Comptroller for the use of the steam roller upon our paved streets at the rate of four cents per square yard for broken stone and two cents per square yard for concrete foundation; the amount collected by the Comptroller was \$657.44. The expenses for operating the same were as follows:

Pay Roll of Engineer.....	\$230.00
Fuel.....	37.36
Repairs, Tools Etc.....	6.58
Oil.....	3.10
Total.....	\$277.04

Which leaves to the credit of the city a balance of \$380.40.

The accompanying tabular statements will show fully the amount and character of the improvements completed during the past year, and also work contracted for that has not been finished.

Very Respectfully,

F. M. RANDALL,

City Civil Engineer.

ED.

MATERIAL.	Width Feet.	Length Feet.	Square Yards.	COST.		Cost per Front Foot
				Property.	City.	
Red Clay Block.	42	679	3414	\$5,529 23	\$ 656 65	\$4 52.4
" " "	28	1923	6437	8,234 19	1,851 91	2 44.1
" Brick.	28	1985	6585	8,313 04	1,487 13	2 32.½
" Block.	36	1222	3722	5,073 61	565 18	1 92.5
Totals . . .	. . .	5809	20158	\$27,150 07	\$4,560 87	

ED.

MATERIAL.	Width Feet.	Length Feet.	Square Yards.	COST.		Cost per front Foot
				Property.	City.	
Red Clay Brick.	14	377	586	\$728 21	\$23 94	\$ 99 ¾

ED.

	Width Feet.	Length Feet.	Cubic Yards.	COST.		Cost per front Foot
				Property.	City.	
.	28	1411	1365	\$234 34	\$14 08	\$.088
.	20	357	170	37 18	3 66	.0572
.	28	1258	1982	262 44	35 66	.1186
.		3026	3517	\$533 96	\$53 40	

D.

	Width Feet.	Length Feet.	Cubic Yards.	COST.		Cost per front Foot
				Property.	Cost.	
.	14	782	429	\$118 22		\$.0755

ED.

	Width Feet.	Length Feet.	COST.		Cost per Front Foot.
			Property.	City.	
.	5	1028	\$314 36	\$ 1 85	\$.303
.	4	303	76 07		.2510
.	5	613	199 38	1 21	.3561
Stendorf's Add	4	355	103 12	1 48	.2946
.	5	672	180 07	16 14	.2920
.	5	364	76 44		.21
.	5	352	126 56	72	.3616
.	6	352	128 45	73	.3670
.	5	306	83 52	1 67	.2784
.	5	917	215 29	14 68	.2510
.	8	394	141 95	9 21	.3886
Eight Add	4	321	81 80		.2976
.	. . .	5977	\$1727 01	\$47 69	

WALK.

	Width Feet.	Length Feet.	COST.		Cost per Front Foot.
			Property.	City.	
.	10	} 381	\$1493 84	\$12 00	\$3 63.50
.	10		720 34		4 40.15
.	12				

STATEMENT OF REVENUE AND EXPENDITURES
OF STEAM ROLLER.

There was charged to the contractors and collected by the Comptroller for the use of the steam roller upon our paved streets at the rate of four cents per square yard for broken stone and two cents per square yard for concrete foundation; the amount collected by the Comptroller was \$657.44. The expenses for operating the same were as follows:

Pay Roll of Engineer.....	\$230.00
Fuel.....	37.36
Repairs, Tools Etc.....	6.58
Oil.....	3.10
Total.....	\$277.04

Which leaves to the credit of the city a balance of \$380.40.

The accompanying tabular statements will show fully the amount and character of the improvements completed during the past year, and also work contracted for that has not been finished.

Very Respectfully,

F. M. RANDALL,

City Civil Engineer.

STREET

Item No.	CONTRACTOR.	LOCATION.	FROM	TO
15	H. W. Tapp . . .	Harrison Street . . .	Main street . . .	Superior
17	T. B. Eupie . . .	Butler " . . .	Calhoun street . .	Fairfield
18	T. B. Eupie . . .	Hanna " . . .	Craigton Ave. . .	Snodgrass
19	T. B. Eupie . . .	Lewis " . . .	Calhoun street . .	Lafayette

ALLEY

Item No.	CONTRACTOR.	LOCATION.	FROM	TO
16	C. Moellering . .	Alley bet. Berry & Wayne Sts.	Calhoun street . .	Clinton

STREETS

Item No.	CONTRACTOR.	LOCATION.	FROM	TO
22	J. Remus . . .	Aliger street . . .	Maurose Road . .	Wabash
23	G. Wilhelm . . .	Herman " . . .	St. Mary's Ave. . .	Federick
24	G. Wilhelm . . .	Allen " . . .	Calhoun street . .	Lafayette

ALLEYS

Item No.	CONTRACTOR.	LOCATION.	FROM	TO
24	J. Remus . . .	Alley bet. Elian & Hayden Sts.	Ohio street . . .	McCull

SIDEWALK

Item No.	CONTRACTOR.	Side.	LOCATION.	FROM	TO
21	W. H. Oetting . .	North	Park Avenue . . .	Broadway . . .	Thompson
22	W. Horstman . .	South	Walnut street . .	East Line & Add	East street
23	F. Oetting . . .	East	Winter " . . .	Edgerton street .	E. P. W
24	G. Wilhelm . . .	North	Herman " . . .	St. Mary's Ave. .	East line
25	F. Oetting . . .	South	Fourth " . . .	Barthold street .	Sherman
26	J. Remus . . .	West	Cass " . . .	L. S. & M. S. R. R.	Front
27	J. Remus . . .	South	Allen " . . .	Calhoun street . .	Clinton
28	W. Horstman . .	North	Taber " . . .	Calhoun " . . .	Clinton
29	F. Oetting . . .	South	Wall " . . .	Nelson " . . .	Snodgrass
30	F. Oetting . . .	North	Pontiac " . . .	Hanna " . . .	Snodgrass
41	H. A. Gerberding	South	Washington street	Francis " . . .	Hwy
45	J. Remus . . .	South	Ida Avenue . . .	Metz " . . .	W

FLAGSTO

Item No.	CONTRACTOR.	Side.	LOCATION.	FROM	TO
30	J. Derbeimer . .	East	Clinton street . .	Berry street . . .	McCull
31	G. Japp . . .	West	Clinton " . . .	Main " . . .	Co
32	G. Japp . . .	East	Harrison " . . .	Columbia street .	F

AVED.

	MATERIAL.	Width Feet.	Length Feet.	Square Yards.	COST.		Cost per Front Foot.
					Property.	City.	
1.	Fire Clay Block.	42	679	3414	\$5,529 23	\$ 656 65	\$ 42.4
2.	" " "	28	1823	6437	8,354 10	1,831 91	2 44.1
3.	" " "	28	1985	6585	8,313 04	1,847 13	2 32.4
4.	Brick Block	30	1222	3722	5,073 61	565 18	1 92.5
Totals . . .			5809	20158	\$27,160 07	\$4,560 87	

PAVED.

	MATERIAL.	Width Feet.	Length Feet.	Square Yards.	COST.		Cost per front Foot.
					Property.	City.	
1.	Fire Clay Brick	14	377	576	\$728 21	\$23 94	\$ 99.4

RADED.

To	Width Feet.	Length Feet.	Cubic Yards.	COST.		Cost per front Foot.
				Property.	City.	
Way	28	1411	136.5	\$234 34	\$14 08	\$.688
rect	20	357	170	37 18	3 66	.0572
"	28	1258	198.2	262 44	35 99	.1189
"		3926	8517	\$333 06	\$53 40	

RADED.

To	Width Feet.	Length Feet.	Cubic Yards.	COST.		Cost per front Foot.
				Property.	City.	
street	14	782	429	\$118 22		\$ 0745

PAVED.

To	Width Feet.	Length Feet.	COST.		Cost per Front Foot.
			Property.	City.	
Avenue	5	1628	\$314 36	\$ 1 85	\$ 301
"	4	303	78 07		.2510
C. R. R.	5	613	169 38	1 21	.3561
" 10, Hattendorfs Add	4	355	163 12	1 48	.2946
ect	5	672	180 07	16 14	.2920
"	5	264	76 44		.23
"	5	352	126 56		.3616
"	6	342	128 43	75	.3679
"	5	346	83 52	1 67	.2794
"	5	917	216 29	14 08	.2510
"	8	394	141 95	9 21	.3896
Electric Light Add .	4	321	81 50		.2676
ile		3077	\$1727 01	\$47 69	

SIDEWALK.

To	Width Feet.	Length Feet.	COST.		Cost per Front Foot.
			Property.	City.	
ot	10	381	\$1435 84	\$12 00	\$3 63 50
et street	10	150	720 34		4 40.15
y South	12	631	\$2214 18	\$12 00	

5.

	MATERIAL	Size Inches.	Length Feet.	Catch Basins.	Man Holes.	Cost Property.	Cost per Abutt. Ft.		
of Clinton St.	Clay Pipe.	18	351		1	\$ 274 69	.5606		
.	"	15	475	1	2	439 80	.4887		
R.	"	12	232		1	108 80	.5438		
rior street .	"	18	625	7	7	1244 36	.4167		
.	"	15	560						
.	"	15	755						
.	"	12	325						
.	"	18	1072	9	17	2058 00	{ .063 .4430 .843		
.	"	18							
tte street .	"	18							
n "	"	15	950						
.	"	12	358	2	6	905 97	.4443		
.	"	12	358						
street . . .	"	12	204						
.	"	12	359						
.	"	10	140	3	4	669 16	.4035		
.	"	10	140						
.	"	10	312						
.	"	15	887						
nners's Sub. .	"	12	397	1	5	787 44	.3547		
.	"	15	870						
.	"	12	314						
.	"	18	202						
nan's Add.	"	15	1124	2	2	394 80	.4112		
ayette street	"	15	696						
.	"	12	518			125 25	.5835		
.	"	15	748						
.	"	12	1234	6	9		.5240		
.	"	12							
.	"	12							
reet	"	12							
.	"	15	550	2	5	437 64	.84		
.	"	12	225						
ce street . .	"	12	860						
.	"	15	1095			816 04	.3862		
.	"	18	824	2	4				
man street .	"	15	344						
O. L. No. 17	"	12	554		314 80	.2980			
.	"	18	380	4			5		
man street .	"	18	275						
.	"	12	806 15		.7010				
nd street . .	"	15				181			
.	"	15				251			
.	"	12				155			
- - - - -			19900	44	76	\$11,741 73			

ERS.

Re- No.	CONTRACTOR	LOCATION.	FROM	TO	MATERIAL	Size Inches.	Length Feet.	Catch Basins.	Man Holes.	Cost Property.	Cost per Abutt. Ft.
8	I. B. Empe	Alley bet. Berry and Wayne sts	Calhoun street	bet west of Clinton St.	Clay Pipe.	18	351		1	\$ 274 60	.5606
9	J. Bartels	" " Grant and Walsh Ave	Randall "	street	"	15	475	1	2	439 80	.4887
10	A. Reig	" west of Jackson street	St. Mary's River	St. L. R. R.	"	12	232		1	108 80	.5438
		Van Buren street	"	of Superior street	"	18	625				
11	M. Singleton	Alley north of Superior street	Van Buren street	"	"	15	500				
		" south	"	"	"	15	755	7	7	1244 30	.416
		" east of Lafayette street	"	"	"	12	325				
		Boltz street	Pontiac	"	"	18					
		Alley bet. Leith and Grace streets	Alley east of Lafayette street	bet of Lafayette street	"	18	1072				
		" " Lafayette & McLaughlin	Lafayette street	of Calhoun	"	15	800				
12	W. H. Oetting	" " Lafayette & McLaughlin	Alley west of Lafayette street	"	"	12	358				.0631
		" " Jane and James streets	bet. Leith and Grace streets	of Leith street	"	12	358	9	17	2058 00	.4430
		James street	"	"	"	12	294				.843
		Alley west of Lafayette street	"	"	"	12	350				
		" east of Calhoun	"	"	"	10	140				
		" South of Leith	"	"	"	10	140				
12	I. Bartels	" north of Erie	James street	"	"	10	312				
		" " " "	Coombs	"	"	15	887	2	8	905 97	.4443
14	I. Remus	" " " "	Harrison	bet 2, Skinner's Sub.	"	12	207				
		" " " "	Coombs	"	"	15	870	3	4	689 16	.4035
		" west of Farnan's Add	Shick	"	"	12	314				
16	I. Remus	" north of Third street	Third	orth	"	18	202	1	5	787 44	.3547
16	W. Horstman	" bet. Sutherland & Allen sts	Barthold	bet 4, Farnan's Add.	"	15	1124				
17	W. H. Oetting	Pontiac street	Clinton	bet of Lafayette street	"	15	696		2	490 28	.8065
		Alley east of Harrison street	Alley east of Calhoun street	ect	"	12	518	1	1	211 29	.6258
		" bet Second and Third sts	Third street	"	"	15	748				
18	I. Remus	" bet First and Second sts	Alley east of Harrison street	"	"	12					
		Harrison street	Harrison street	"	"	12					
		First	Alley bet. First and Second st.	"	"	12	1234	6	9	1087 61	.5240
		Alley east of Cass street	Harrison street	of Cass street	"	12					
19	J. Remus	" west of Wells street	First	St. L. R. R.	"	12					
20	A. Reig	" bet Calhoun & Clinton sts	Third	"	"	15	550	2	2	394 80	.4112
21	J. Remus	Holton Avenue	Allen	"	"	12	225	1	1	125 25	.5835
22	W. H. Oetting	Alley north of Horace street	Alley bet. Horace & Buchanan st	of Horace street	"	12	800	2	5	437 64	.52
23	W. H. Oetting	" bet. Hanna and Force sts	Holton Avenue	bet	"	15	1065	3	2	659 16	.2700
24	W. H. Oetting	" bet. St. Mary's Av & Oakland	Pontiac street	"	"	18	824				
		" " Winter and Little sts	Third	h of Huffman street	"	15	344	2	4	816 04	.3862
		Huffman street	Spring	Little's O. L. No. 17	"	12	554		2	314 80	.2960
		Oakland	Hayden	ect	"	18	850				
		Alley north of Huffman street	Alley east of Oakland street	of Huffman street	"	18					
25	A. Reig	" " " "	Huffman street	bet of Oakland street	"	12	275	4	5	806 15	.7010
		" bet. Oakland and St. Mary's	Oakland	ect	"	15	181				
		" north of Huffman street	Alley north of Huffman street	Avenue	"	15	251				
		" " " "	" bet. Oakland and St. Mary's	"	"	12	155				
Totals							19000	44	78	\$11,741 73	

STATEMENT OF UNFINISHED WORK.

There remains under construction the following contracts, awarded last year, that are not completed:

NO. RES.	CHARACTER OF WORK.	CUBIC YARDS.	LINEAL FEET.	WIDTH FEET.	APPROXIMATE COST.
38	Brick Sidewalk	317	215	5	\$ 96.50
40	" "	619	737	5	257.63
41	Street Grading	1065	725	32	224.55
42	Brick Sidewalk	211	330	5	119.25
43	Alley Grading	225	942	12	87.78
1	Main Sewer		3740		2,592.20
25	Sewer		3438		2,331.76
28	"		2692		2,847.85
29	"		157		82.65
	Totals	2437	12976		\$8,640.17

RECAPITULATION.

IMPROVEMENT.	LINEAL FEET.	PROPERTY.	COST.	
			CITY.	TOTAL.
Streets Paved	5809	\$27,150.07	\$4,560.87	\$31,710.94
Alleys "	377	728.21	23.94	752.15
Streets Graded	3026	533.96	53.40	587.36
Alleys "	782	118.22		118.22
Sidewalks Paved	5977	1,727.01	47.69	1,774.70
Flagstone Walks	531	2,214.18	12.00	2,226.18
Sewers	19900	11,741.73		11,741.73
Totals	36402	\$44,213.38	\$4,697.90	\$48,911.28

Department of Public Safety.

1895.

SECOND ANNUAL REPORT
OF THE
Department of Public Safety,
1895.

MEMBERS OF THE BOARD,

CHAS S. BASH, Chairman.

RUDOLPH STEGER.

RUDOLPHUS B. ROSSINGTON, Sec'y.



DEPARTMENT OFFICERS.

JAMES LIGGET,	-	-	Superintendent of Police Force.
WILLIAM BORGMAN,	-	-	Captain of Police Force.
HENRY HILBRECHT,	-	-	Chief of Fire Force.
JOHN SCHRODER,	-	-	City Electrician.



L. C. HOLLENBACHER,	-	-	City Weigh Master.
WILLIAM ROPA,	-	-	City Market Master.
W. H. BROWN,	-	-	City Pound Master.

Department of Public Safety.

FORT WAYNE, IND., January 1st, 1896. *

To the Honorable Chauncey B. Oakley, Mayor of the City of Fort Wayne, Indiana :

DEAR SIR :—

The Board of Public Safety submits the second annual report of its department for the year ending December 31st, 1895.

We have caused an inventory of all the property controlled by this Department, and have ordered printed in full, as part of this report, the reports of the Chief and Superintendent of the Fire and Police Forces.

These reports are complete in detail and give an inventory of the possessions of the several departments and their operations for the year ending December 31st, 1895.

POLICE FORCE.

The Police Force having been entirely reorganized, we now have a strictly non-partisan force, members of the same having been, most of them, born and raised within our own county, being therefore in touch with our people in all respects, and possessed of a thorough knowledge of our city and county in every way essential to an officer. The Board take a just pride in the work of our officers the past year and believe as a rule they have given excellent service to the city. While our boys are ambitious and take a just pride in the execution of

their work, they will not withhold information for their own use to the detriment of the department.

FIRE FORCE.

The Fire Force is now thoroughly organized, and this department is in excellent shape. Our boys are, as a rule, active, bright, capable and sober, and are using the strictest economy in the management of the department.

The Central Engine House is equipped with a complete outfit of tools, lathe, etc., including a gas engine, and we are now in shape to do all our own work in the way of minor repairs, thereby giving employment to our boys, as well as making a saving to the city.

The department has lived within its appropriations, and will the coming year make a large saving in this department.

DISCIPLINE OF THE POLICE AND FIREMEN.

The Board of Safety believe that it is well to repeat our sentiments of last year, that no one should be employed by the city, in either the Police or Fire Departments, who is addicted to the use of liquor as a beverage. We have adopted a rule for both of these departments, forbidding employes going into or loitering about saloons, except as they are obliged to, in the discharge of their duties; the efficiency of the departments have been materially improved under the new rules.

We believe that citizens have a right to expect that all employes of the city shall be sober, polite and watchful of the interests entrusted to their care, and that they should be morally good men in all respects. The positions they occupy are such as warrant public criticism and their example as officers

has more than ordinary influence on the community at large. Profanity is forbidden by the Board.

The Board has recently advised all employes in their departments that it is their desire and expectation that they will use reasonable diligence in the discharge of their current indebtedness. The tax payers (whose employes they are) certainly have the right to demand this of all city employes.

UNIFORMS.

We desire to call your attention to the fact that the officers are all wearing the uniforms as designated for the employes of the different departments and in addition to the stars, belts, clubs, etc., worn by our policemen, the city owns the buttons and special dies for making same worn by them, as well as by the Fire Department. These buttons being the property of the city are surrendered when any employe leaves the service of the city.

The experience of all the principal cities of the United States has proven this a necessity, and its importance especially in time of fire or riot is apparent.

Respectfully,

CHAS. S. BASH,
RUDOLPHUS B. ROSSINGTON,
RUDOLPH STEGER,
Board of Public Safety.

REPORT OF
POLICE DEPARTMENT.

1895.

Report of Superintendent of Police.

OFFICE OF SUPERINTENDENT OF POLICE, }
FORT WAYNE, IND., Jan. 1st, 1896. }

To the Honorable Board of Public Safety:

GENTLEMEN :—I herewith present my annual report of this department for the year ending December 31st, 1895, showing list of the police force, number of arrests made, patrol wagon service, police call service, location of police boxes, salaries of officers and men, statistics of tramps, and other matters pertaining to this department, all of which is respectfully submitted.

JAMES LIGGET,
Superintendent of Police.

Fort Wayne Police Force.

Name.	Rank.	Politics.	Weight.	Height.	Where Born.	When Born.
			Wt.	Ft. In.		
James Liggett	Superintend't	Rep.	185	5—8	Ohio . .	1843
William Borgman	Captain . . .	Dem.	185	5—11 $\frac{1}{2}$	Indiana .	1865
Henry Lapp	Lieutenant .	Dem.	200	5—11	Germany	1847
Frederick G. Dassler . . .	Sargeant . .	Dem.	175	5—11	Indiana .	1858
G. F. Jewell	Sargeant . .	Rep.	180	6—1 $\frac{1}{2}$	New York	1856
Henry Sander	Patrol Driver	Dem.	160	5—8 $\frac{3}{4}$	Indiana	1853
Frederick W. Gallmeier .	Patrol Driver	Rep.	150	5—10	Germany	1850
William H. Hoham	Station Clerk	Rep.	120	5—4	Indiana .	1866
Henry McMullan	Station Clerk	Rep.	135	5—7	Michigan	1857
John Schroeder	Electrician .	Dem.	145	5—6 $\frac{3}{4}$	Ohio . .	1852
Louis C. Schlaudroff . . .	Humane Off'r	Dem.	165	5—10	Indiana .	1847
Jesse Patton	Patrolman . .	Dem.	175	5—10	Ohio . .	1843
Theodore Hardendorf . . .	Patrolman . .	Rep.	175	5—10 $\frac{1}{2}$	Indiana .	1853
Albert G. Foulks	Patrolman . .	Rep.	180	5—10 $\frac{1}{2}$	Ohio . .	1863
John W. Flickinger	Patrolman . .	Rep.	190	5—10	Ohio . .	1860
Robert Phipps	Patrolman . .	Rep.	190	5—10	Ohio . .	1856
A. J. Hines	Patrolman . .	Rep.	190	5—10 $\frac{1}{2}$	Ohio . .	1857
Jacob M. Bower	Patrolman . .	Rep.	190	5—10 $\frac{3}{4}$	Ohio . .	1850
William F. Knock	Patrolman . .	Dem.	185	5—11 $\frac{1}{2}$	Germany	1860
Edward Grim	Patrolman . .	Rep.	200	6—	Ohio . .	1860
Charles Spillner	Patrolman . .	Dem.	200	5—9 $\frac{1}{2}$	Germany	1860
Henry J. Harkenrider . . .	Patrolman . .	Dem.	195	5—9 $\frac{1}{2}$	Indiana .	1853
Ernest Paul	Patrolman . .	Dem.	200	5—11 $\frac{1}{2}$	Indiana .	1864
George Coling	Patrolman . .	Rep.	185	6—	Indiana .	1870
Elijah E. Tanner	Patrolman . .	Rep.	170	5—10	Ohio . .	1860
George J. Strodel	Patrolman . .	Dem.	200	6—	Indiana .	1862
Abraham Goeglein	Patrolman . .	Dem.	205	5—10 $\frac{1}{2}$	Ohio . .	1860
James A. Richardson	Patrolman . .	Dem.	180	5—10 $\frac{1}{2}$	Indiana .	1865
John Greer	Patrolman . .	Dem.	200	6—	Indiana .	1860
Robert Dickson	Patrolman . .	Rep.	185	5—9 $\frac{1}{2}$	Scotland .	1868
Benjamin H. Elliott	Patrolman . .	Rep.	205	5—10	Indiana .	1861
William Sommers	Patrolman . .	Rep.	210	6—	Indiana .	1861
Frederick J. Buechner . . .	Patrolman . .	Rep.	175	5—10	Ohio . .	1860
Lot F. Sharp	Patrolman . .	Dem.	185	5—11 $\frac{1}{2}$	Indiana	1862
John W. Aiken	Patrolman . .	Rep.	175	5—11	Ohio . .	1860
George Passino	Patrolman . .	Rep.	170	5—11	New York	1861

Republicans	20
Democrats	16

Total	36
Average Weight, (33 men)	185 pounds
Average Height, (33 men)	5 feet, 11 inches
Average Age (33 men)	36 years
Indiana	14
Ohio	12
Michigan	1
New York	2
Germany	4
Scotland	1

TOTAL NUMBER OF MEN IN POLICE DEPARTMENT.

Superintendent.....	1
Captain.....	1
Lieutenant	1
Sargeants.....	2
Clerks	2
Drivers	2
Station Master.....	1
Detective.....	1
Night Patrolmen.....	18
Day Patrolmen	6
Total.....	35

LOCATION OF POLICE BOXES.

12,	Corner Berry and Calhoun streets.
16,	“ Main and Harrison streets.
26,	“ Columbia and Barr streets.
27,	“ Lewis and Lafayette streets.
31,	“ Harmer and Washington streets.
34,	“ Broadway and Taylor streets.
46,	“ Third and Wells streets.
52,	“ Hanna and Wallace streets.
63,	“ Calhoun and Williams streets.
71,	“ Broadway and Pritchard streets.
72,	“ Fairfield Avenue and Williams street.
73,	“ Calhoun and Baker streets.
132,	“ Calhoun and Jefferson streets.
243,	“ Fulton and Main streets.
251,	“ Main and Cherry streets.

SALARIES OF OFFICERS AND MEN PER ANNUM.

Superintendent.....	\$1,100 00
Captain.....	900 00
Lieutenant.....	840 00
Sargeants.....	800 00
Patrolmen.....	720 00
Station Master	720 00
Drivers.....	720 00
Clerks.....	480 00
Detectives.....	720 00

STATISTICS OF TRAMPS.

Tramps lodged in January, 1895	820
“ “ February “	516
“ “ March “	1049
“ “ April “	73
“ “ October “	116
“ “ November“	277
“ “ December“	460
Total.....	3311

RECORD OF PATROL WAGON SERVICE.

Number of Patrol Wagon runs	1123
Miles traveled by the Patrol Wagon	1196
Number of prisoners brought in.....	1123
Number of prisoners taken to jail	673
Number of sick or injured removed to their homes or to hospitals	93

RECORD OF THE POLICE CALL SERVICE.

Total number of box calls answered.....	65,720
Bell telephone calls answered.....	28,310
Total calls answered by the clerks.....	94,030

NATIVITY OF PERSONS ARRESTED.

Alabama.....	1	South Carolina.....	2
Colorado.....	1	Texas	1
Connecticut.....	2	Tennessee	4
California.....	5	Virginia	5
District of Columbia....	1	Wisconsin	10
Georgia.....	2	West Virginia	4
Illinois.....	44	Belgium.	1
Indiana.....	423	Canada	7
Iowa.....	7	England	6
Kansas	4	France.....	13
Kentucky.....	16	Germany..	101
Louisiana.....	1	Holland.....	1
Massachusetts.....	10	Hungary..	1
Maryland.....	15	Isle of Man.. ..	1
Michigan.....	43	Ireland.....	59
Minnesota.....	1	New Zealand.....	1
Mississippi.....	1	Norway.....	1
Missouri.	5	Poland.....	2
Maine....	1	Russia.....	9
New Jersey	7	Scotland.....	5
New York....	62	Switzerland	2
Nebraska	1	Sweden.....	12
North Carolina.....	2	Syria	6
Ohio.....	153	Turkey, in Asia	1
Pennsylvania.....	88	Wales....	1

OCCUPATION OF PERSONS ARRESTED.

Armature Pullers	4	Cigar Makers	12
Agents	16	Clerks	14
Bakers	8	Coachmen	1
Burglars	4	Contractors	2
Barbers	9	Cooks	6
Bartenders	11	Coopers	4
Bicycle Makers	1	Coremakers	3
Blacksmiths	19	Dairymen ³	1
Boiler Makers	11	Detectives	4
Book Binders	2	Draughtsmen	1
Block Cutters	1	Dress Makers	1
Book-keepers	2	Druggists	1
Bootblacks	2	Dish Washers	2
Brass Finishers	4	Drivers	1
Brewers	2	Egg Packers	2
Bricklayers	3	Editors	1
Buyers	1	Electricians	1
Broom Makers	2	Engineers	4
Butchers	5	Farmers	31
Car Builders	1	Finishers	1
Cable Riggers	1	Firemen	2
Chair Makers	1	Feeble Minded	1
Cementers	1	Florists	2
Callers	1	Gamblers	1
Carpet Cleaners	1	Gardeners	4
Carpenters	24	Gasfitters	4
Carriage Makers	1	Glass Blowers	4
Carriage Washers	1	Glass Cutters	1

Grocers.....	1	No occupation	17
Harness Makers	6	Oil Drillers.....	1
Handle Makers.....	1	Oil Pumpers.....	1
Hatters.....	1	Packers.....	1
Horse Shoers.....	1	Painters.....	31
Helpers.....	4	Paper Hangers.....	1
Hostlers.....	13	Pattern Makers.....	1
Hotel Clerks.....	1	Paper Makers	1
Housekeepers	32	Pressmen	2
House Movers.....	1	Peddlers.....	18
Inventors.....	1	Photographers.....	1
Ironworkers.....	3	Physicians	3
Jewelers	2	Plasterers	7
Jockeys.....	1	Plumbers	10
Knitters	2	Punchers	1
Laborers.....	289	Polishers.....	6
Leather Cutters	1	Porters	1
Linemen.....	4	Potters.....	2
Lathers	1	Printers.....	13
Lithographer.....	1	Prostitutes	35
Livery Keeper.....	1	Railroaders	59
Locksmiths	1	Reporter.....	1
Motorman	1	Rougher	1
Machinists	24	Runner	1
Masons	11	Sail Maker.....	1
Merchant	1	Sailors	2
Messenger	1	Saloonkeepers.....	49
Millers	3	Sawyers	4
Miners	4	Seamstress	1
Molders	33	Servant	1
Nailmakers	2	Steam Fitters.....	3
Newsboys	4	Schoolboys	6

Stave Jointers	4	Tinker	1
Stave Cutters.....	1	Turner.....	1
Springmakers	1	Undertaker.....	1
Shoemakers	9	Upholsterer.....	2
Slater	1	Vagrants.....	8
Stone Cutters	7	Veterinary Surgeon.....	1
Tailors	6	Wagon Makers.....	3
Tool Dressers.....	2	Waiters	12
Tanners	3	Watchman	1
Trimmer.....	1	Weaver	1
Teamsters	21	Wood Choppers.....	3
Telegraph Operators.....	2	Window-Shade Maker ...	1
Tin Smiths.....	3	Wheel Maker.. ..	1

Ages of Persons Arrested.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Between 10 and 20 ..	13	15	8	20	24	16	17	23	7	11	10	6	170
Between 20 and 30 ..	40	29	35	70	49	50	39	25	26	48	14	19	444
Between 30 and 40 ..	40	11	23	33	31	32	25	25	19	32	10	13	294
Between 40 and 50 ..	9	9	16	14	10	13	9	12	7	18	5	7	129
Between 50 and 60 ..	6	11	4	6	8	9	10	14	12	7	12	3	82
Between 60 and 70 ..	4	2	5	4	2	4	1	1	2	1	2	..	28
Over 70 years	..	2	1	..	2	1	..	1	..	1	1	..	9
Total	112	79	92	147	126	125	101	101	63	118	44	48	1156

SOCIAL CONDITION.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Married...	29	25	29	29	30	33	14	28	29	17	12	11	276
Single.....	83	54	63	118	96	92	87	73	44	101	32	37	880
Total..	112	79	92	147	126	125	101	101	63	118	44	48	1156

ARRESTS BY DAY AND NIGHT OFFICERS.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Day.....	48	39	39	70	87	70	48	46	25	54	25	15	566
Night	64	40	53	77	39	55	53	55	38	64	19	33	590
Total..	112	79	92	147	126	125	101	101	63	118	44	48	1156

SEX OF PERSON ARRESTED.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Females...	6	5	5	15	9	10	7	5	4	3	7	3	79
Males	106	74	87	132	117	115	94	96	59	115	37	45	1077
Total..	112	79	92	147	126	125	101	101	63	118	44	48	1156

INVENTORY.

FORT WAYNE, IND., Jan. 1st, 1896.

The following property owned by the city is in use by the Police Department:

One Superintendent's Desk	\$ 30 00
One Captain's Desk, (new)	22 00
Three Old Desks, \$5.00,.....	15 00
One Hat Rack	1 50
Two Waste Paper Baskets.....	1 00
Linoleum on Superintendent's Office Floor	19 50
Twenty-seven Patrolmen's Stars, (\$1.75)	47 45
One Sargent's, one Lieutenant's and one Chief of Police Star, \$1.75 each,.....	5 25
Twenty-two Belts, (50c.) and Twenty-two Clubs (25c.)	16 50
Twenty-one Police Whistles	3 15
Twenty-two Wrist Chains (90c.) Two Pairs of Nippers (\$1.25)	22 30
Four Gross Police Buttons, (\$10.00)	40 00
Three Button Dies, ...	32 00
Three Revolving Chairs	6 00
Six High-backed Oak Chairs.....	12 00
Twenty-four Hotel Arm Chairs.....	12 00
One Revolving Chair, Police Court.....	3 00
One Large Writing Table, Police Court.....	10 00
Twelve Perforated Bottomed Chairs	10 00
Two Maps of City of Fort Wayne	12 00

Twenty-four new Rosewood Clubs (at 90c)	21 60
Twenty-four new Belts (at \$2.00)	48 00
Two Bicycles (at \$100)	200 00
One Marbleized Thomas Clock.....	5 00
Twenty-four new Police Whistles	4 00
One dozen new Wrist Chains (at 90c).....	10 80
Nine Fibre Spittoons	4 50
One Clock	10 00
Four Inkstands and Ink, (50c.), Six Penholders (30c.)	80
Three Letter Files (50c)	1 50
Four Record Books.....	1 50
Envelopes, Letter Paper and Scratch Blocks.....	1 25
One Safe.....	5 00
Two Maps of United States	5 00
One City Directory	5 00
One Gas Stove and Tubing.....	11 00
Two Drinking Glasses.....	10
Two Towels (50c), One Soap Dish (10c), ...	60
One Dust Pan.....	25
One Torch.....	50
Three Brooms, one Mop.....	60
Nineteen Dark Lanterns (50c).....	9 50
Six Red Lanterns	4 50
One Oil Can	25
Fifty feet of one-inch Hose	7 50
Two Sprinkling Cans	50
Three Wooden Pails.....	75
One Patrol Wagon	250 00
One Stretcher	5 00
Two Carriage Lamps	4 00

One Pair of Pryers	75
One Hatchet	50
One Curry Comb (50c), one Brush (\$2.50), one Whip (\$1.25).....	4 50
Two Horses for Patrol Wagon Service.....	275 00
One Scoop Shovel (75c), one Rake (25c) one Hay Fork (25c).....	1 25
One-fourth Ton of Hay (\$4), Thirty Bushels of Oats (\$9.00).....	13 00
One Set of Double Harness	20 00
One Pair of Blankets	6 00
Police Private Telephone System, including Apparatus, Desk in Station, and Fifteen Patrol Boxes.....	3,000 00
Supply of Linament, Bandages, Adhesive Plaster, and Iodoform	2 00
One Feather Duster (old)	75
Total.....	\$4,262 70

REPORT OF
FIRE DEPARTMENT.
1895.

Report of the Chief of the Fire Force.

FORT WAYNE, IND., Jan. 1st, 1896.

To the Honorable Board of Public Safety of the City of Fort Wayne:

GENTLEMEN: I herewith submit to you the annual report of the Fire Department for the year ending December 31st, 1895. This report will be found to contain statements in detail of the condition of the department. A record of all fires and alarms that have occurred during the year, the loss by fire on the property and the amount of insurance on the same. During the past year the department responded to one hundred and fifty alarms, an increase of twenty-one over the previous year.

MANUAL FORCE.

The force at present consists of forty-five men, as follows: One Chief, one Electrician, six Captains, six Engineers, fourteen Drivers and seventeen Hosemen. I am pleased to say that the discipline of the department has been almost perfect; but a few members have been before the Board upon charges against them during the year. The members have displayed great interest in the discharge of their duties, and the Board of Public Safety is entitled to every credit for appointing none but sober and worthy men.

APPARATUS.

The apparatus in service consists of five steam fire engines, five hose wagons, one four wheel hose carriage, one chemical engine, one aerial extension ladder truck, one city hook and ladder truck, one chief's wagon, one fire alarm repair wagon.

HORSES.

The department has thirty-two horses in the service. They are in good condition with the exception of a few that are old and should be replaced by young horses the coming year.

HOSE.

There is, in the department, 11,200 feet of cotton hose.

FIRE ALARM TELEGRAPH.

This branch of the department has been kept in perfect order under the management of Electrician Schroeder. A large amount of work has been done during the past year, erecting new poles and extension of lines. Six new boxes have been added, and the system has been overhauled generally, placing it in first-class condition. The firm alarm system consists of thirty-two miles of wire, sixty-one alarm boxes, and three private boxes, one hundred and forty battery cells, one bell striker, six combined gongs and indicators and one automatic eight circuit repeater.

ENGINE HOUSE.

ENGINE HOUSE No. 1.

Headquarters of the fire department are located on Main street, between Barr and Lafayette streets. The building is a two

story brick. The apparatus of this house consists of one first-class double Amoskeag engine, with a capacity of seven hundred gallons per minute, one hose wagon, one aerial extension ladder truck, one Chief's wagon, one fire alarm wagon, nine horses, and eleven men. The repair shop connected with this building is equipped with a three horse-power gas engine, one eighteen inch Lodge & Davis lathe, one twenty inch swing upright Lodge & Davis drill press, one eight inch emery wheel, one forge, anvil and vises. All the repairs of the engines are done in this shop and nearly all repairs on the other apparatus.

ENGINE HOUSE NO. 2.

Is located on Wallace street, between Lafayette and Clay streets. The building is a two story brick. This is the oldest engine house in the city and has been somewhat dilapidated; but during the year the house has been thoroughly repaired, and is now in first-class condition, adding much to the comfort of the men as well as to the appearance of the house. All of the repairs have been done by the members of the department. The apparatus of this house consists of one first-class Silsby rotary engine, capacity of 700 gallons per minute, one hose carriage, one hook and ladder truck, seven horses, and eight men.

ENGINE HOUSE NO. 3.

Is located on West Washington street, between Harrison and Webster streets. The building is a two story brick. The apparatus of this house consists of one double fifty gallons Champion chemical engine, one hose wagon, four horses and six men.

ENGINE HOUSE NO. 4.

Is located on Maumee avenue between Ohio and Chute streets. The building is a two story brick. The apparatus of this house consists of one third-class double La France engine with a capacity of 650 gallons per minute, one hose wagon, four horses and six men.

ENGINE HOUSE NO. 5.

Is located on Broadway between Hendricks and Lavina streets. The building is a two story brick. The apparatus of this house consists of one third-class double La France engine with a capacity of 650 gallons per minute, one hose wagon, four horses, and six men.

ENGINE HOUSE NO. 6.

Is located at the corner of Third and Wells streets. The building is a two story brick. The apparatus of this house consists of one third-class double La France engine with a capacity of 650 gallons per minute, one hose wagon, four horses, and six men.

RECOMMENDATIONS.

I again wish to call your attention to the fact that the engine at No. 2 Engine House is not reliable, and as the engine is very old, having been in use since 1872, we consider the engine unsafe to carry over eighty pounds of steam. It is liable to give out at any fire. Some provision should be made the coming year for an appropriation to purchase a new engine. The hose carriage at this house is also old and should be replaced by a new hose wagon.

I would also recommend the removal of the Lowry hydrants and replace them with post hydrants; the underground

Lowry hydrants are not reliable and too complicated for fire department use. I would also recommend that hydrants be increased in the business portion of the city and near the large manufacturing districts, where hydrants are most needed in case of large fires. A hydrant at the corner of Berry and Clinton streets, corner Main and Court streets, on Columbia street between Calhoun and Harrison streets, corner Harrison and Pearl streets, on Calhoun street between Wayne and Washington streets, on Calhoun street between Washington and Jefferson streets, corner Calhoun and Railroad streets, corner Hamilton and Clinton streets, corner Hamilton and Barr streets, corner Hanna and Hough streets.

In conclusion I wish to express my thanks to His Honor, the Mayor, and the Board of Public Safety for the support given me to increase the strength and efficiency of this department; to the Superintendent and members of the Police force for service rendered at fires; to all officers and members of the city government for courtesies shown me, and to the officers and members of this department for the satisfactory manner in which they have performed their duties.

Respectfully submitted,

HENRY HILBRECHT,

Chief of the Fire Force.

INVENTORY.

NO. 1 ENGINE HOUSE.

- | | |
|------------------------------|---------------------|
| 1 1st-class Amoskeag St'mer. | 1 Buggy, for Chief. |
| 1 Preston Aerial Truck. | 1 Line Wagon. |
| 1 Hose Wagon. | 1 Coal Wagon. |

SUPPLIES ON STEAMER.

- | | |
|-------------------------|--------------------|
| 2 Lengths Suction Hose. | 8 Feet Steam Hose. |
| 1 Coal Shovel. | 1 Oil Can. |
| 1 Torch. | 1 Cold Chisel. |
| 1 Poker. | 1 Hydrant Wrench. |
| 1 Hammer. | 1 Monkey Wrench. |
| 1 Axe. | 2 Play Pipes. |

SUPPLIES ON WAGON.

- | | |
|-------------------------------|-------------------|
| 1 Lowry Hydrant. | 1 Pike Pole. |
| 1 Hydrant Pump. | 1 Monkey Wrench. |
| 2 Hydrant Wrenches. | 1 Hose Clamp. |
| 2 Hay Hooks. | 1 Canvas Cover. |
| 2 Torches. | 1 Rubber Bucket. |
| 1 Axe. | 1 Hose Leak Stop. |
| 1 Crow Bar. | 2 Play Pipes. |
| 1000 Feet 2½-in. Cotton Hose. | 1 Ball Nozzle. |

SUPPLIES ON TRUCK.

- | | |
|-----------------------------|------------|
| 2 5-Gal. Hand Extinguish's. | 2 Torches. |
| 2 Pompier Ladders. | 2 Shovels. |

1 Wire Cutter.	2 Axes.
200 Feet Rope.	1 Hose Clamp.
3 Life Belts.	1 Door Opener.
2 Hay Forks.	1 Crow Bar.
1 Hay Hook.	6 Pike Poles.

1 Set Double Trees.

HOUSE.

3 Dbl. Set Swinging Harness.	5 Whips.
2 Sn'gle " " "	6 Wood Buckets.
9 Horses.	1 Dozen Brooms.
9 Bridles.	1 Dozen Hose Spanners.
1800 Feet 2½ in. Cotton Hose.	2 Sprinkling Cans.
11 Beds Complete.	1 Gas Lighter.
3 Brass Sliding Poles.	3 Dusters.
2 Wash Stands.	2 Dust Pans.
2 Desks.	4 Mop Sticks.
2 Tables.	5 Snow Shovels.
2 Revolving Chairs.	6 Hay Forks.
17 Cane Bottom Chairs.	1 Scoop Shovel.
12 Wood Chairs.	2 Rakes.
2 Bath Tubs.	3 Ropes and Pulleys.
1 Heater and 3 Tanks.	5 Curry Combs.
1 Copper Tank.	5 Brushes.
1 Furnace.	2 Saddles.
3 Radiators.	2 Bbl. Salt.
2 Iron Stoves with Pipe.	15 Tons Hay.
3 Sheet-Iron Stoves, Pipe.	1200 Bu. Oats.
2 Jacks.	5 Bu. Bran.
1 Looking Glass.	12 Tons Coal.
1 Book Case.	1 Set Line Tools Complete.
3 City Maps.	5 Extra Horse Collars.

11 Cuspidors.	4 Extra Hydrant Wrenches.
3 Clocks.	50 Lbs. Waste.
1 Mat.	2 Hose Expanders.
8 Horse Blankets.	4 Gongs on Apparatus.
50 Feet 1-in. Hose.	27 Towels.
1 Set Grates for Engine.	1 Towel Roller.

WORK SHOP.

1 3 H. P. Gas Engine.	1 Carpenter Bench.
1 L. & D. Lathe with Tools.	1 Forge.
1 " Drill Press with Tools.	200 Lbs. Blacksmith Coal.
1 Emery Wheel.	1 Grind Stone.
Line Shafting and Pulleys.	2 Hand Saws.
1 Anvil.	1 Step Ladder.
1 Bellows.	1 Oil Pump.
1 Force Pump.	40 Gal. Machine Oil in Tank.
1 Vise Bench and 2 Vises.	65 " H. L. " "
	40 Gal. Cylinder Oil in Tank.

GAMEWELL FIRE ALARM.

1 Repeater, on Desk.	1 Trip.
1 Switch Board, on Desk.	1 Tower Bell.
Lightn'g Arresters on Desk.	1 Bell Striker.
Galvanometer & Keys, "	3 Battery Stands.
1 Gong and Indicator.	148 Battery Cells.
Private Telephone System with Switch Board Complete on Desk.	

No. 2 ENGINE HOUSE.

1 1st-class Silsby Steamer.	1 Truck with Ladders.
1 Hose Reel.	1 Coal Wagon.

SUPPLIES ON ENGINE.

1 Suction Hose.	1 Hammer.
1 Set Engine Wrenches.	1 Cold Chisel.
2 Monkey Wrenches.	1 Torch.
2 Oil Cans.	

SUPPLIES ON TRUCK.

1 Pompier Ladder.	1 Set Double Trees.
2 Torches.	2 Picks.
2 Hay Forks.	4 Pike Poles.

SUPPLIES ON HOSE REEL.

2 Torches.	1 Axe.
1000 Feet 2½-in. Cotton Hose.	1 Hose Leak Stop.
1 Lowry Hydrant.	2 Hose Clamps.
1 Hydrant Pump.	2 Play Pipes
3 Hydrant Wrenches.	2 Crow Bars.

HOUSE.

7 Horses.	3 Set Dbl Swinging Harness.
2 Brass Sliding Poles.	250 Feet Rope.
50 Feet 1-in. Hose.	6 Horse Blankets.
1 Clock.	2 Mop Sticks.
1 Towel Roller.	20 Towels.
1 Step Ladder.	1 Sprinkling Can.
2 Iron Stoves with Pipe.	21 Chairs.
1 Desk.	1 Table.
1 Bath Tub with Heater.	1 Cot.
9 Beds complete.	3 Curry Combs.
3 Brushes.	3 Whips.
3 Hay Forks.	6 Buckets.
2 Scoop Shovels.	3 Rakes.
1 Saddle.	6 Brooms.

1 Vice.	1 Hand Saw.
1 Jack.	8 Tons Hay.
600 Bu. Oats.	8 Bu. Bran.
3 Tons Coal.	2 Dusters.
1 Dust Pan.	10 Cuspidors.
1 Snow Shovel.	1 Force Pump.
1 Saw.	1 $\frac{1}{2}$ Bbl. Salt.
600 Feet 2 $\frac{1}{2}$ -in. Cotton Hose.	3 Baskets.
1 Extra Hose Reel.	2 Pulleys.
1 Wash Stand.	1 Gas Lighter.
1 Portable Forge.	1 Anvil.
1 Gong and Indicator.	1 Trip.
1 Tower Bell.	1 Map, City of Fort Wayne.

No. 3 ENGINE HOUSE.

1 Chemical Engine.	1 Hose Wagon.
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SUPPLIES ON CHEMICAL.

1 Gong.	1 Bar.
1 Extension Ladder.	1 Hay Hook.
200 Feet Hose.	1 Hatchet.
2 Nozzles.	1 Torch.
2 Pike Poles.	1 Monkey Wrench.
2 Axes.	1 Large "S" Wrench.
2 Leather Buckets.	1 Hydrant Wrench.
2 Acid Jars.	1 Cap Wrench.
2 Sacks Soda.	1 Whip.
2 Spanners.	2 Hitching Straps

SUPPLIES ON WAGON.

1 Gong.	1 Axe.
1 Lowry Hydrant.	1 Bar.
1000 Feet 2 $\frac{1}{2}$ -in. Cotton Hose.	1 Small Tip.

2 Play Pipes.	1 Hose Leak Stop.
2 Torches.	1 Monkey Wrench.
2 Hydrant Wrenches.	6 Spanners.
2 Hitching Straps.	1 Whip.
1 Canvas Cover.	2 Hose Clamps.
1 Canvas Apron.	100 Feet $\frac{3}{4}$ -in. Rope.

HOUSE.

4 Horses.	4 Horse Blankets.
2 Sets Dbl Swing'g Harness.	3 Extra Hanging Bars.
4 Bridles.	4 Blind Bridles.
4 Lanterns.	4 Iron Feed Boxes.
1 Iron Water Trough.	1 Jack.
4 Stall Straps.	2 Rakes.
2 Scoop Shovels.	1 Shovel.
4 Iron Stoves with Pipe.	1 Stove Poker.
2 Curry Combs and Brushes.	1 Horse Comb.
1 Saddle.	3 Hay Forks.
1 Box Harness Soap.	10 Tons Hay.
400 Bu. Oats.	6 Bu. Bran.
3 Loads Sawdust.	3 Loads Kindling.
4 Loads Shavings.	1 Vise.
1 Work Bench.	1 Ladder. 1 Stay.
1 Play Pipe, (Extra).	1 Scale.
1 Sprinkling Can.	1 Glass Acid Pitcher.
1 Step Ladder.	2 Gal. Coal Oil.
1 Coal Oil Can.	2 Torches (Extra).
100 Ft. $\frac{3}{4}$ -in. Rope and Pulleys.	75 Ft. $\frac{3}{4}$ -in. Rope and Pulleys.
2800 Ft. $2\frac{1}{2}$ -in. Cotton Hose.	50 Ft. 1-in Hose.
100 Ft. old Chemical Hose.	225 Pounds Soda.
1 Carboy Acid.	6 Wood Buckets,
6 Brooms.	1 Copper Tank.

2 Brass Sliding Poles.	1 Gong and Indicator.
1 Trip.	1 Mat.
17 Window Curtains.	2 Dusters.
1 Dust Pan.	2 Mop Sticks.
1 Gas Lighter.	1 Box Tapers.
2 Wash Stands.	1 Bath Tub with Tank.
6 Cuspidors.	20 Towels.
2 Towel Rollers.	2 Looking Glasses.
6 Beds Complete.	16 Chairs.
1 Table.	1 Clock.
1 Desk.	1 Map, City of Fort Wayne.

No. 4 ENGINE HOUSE.

1 3rd-class LaFrance Ste'mer.	1 Smith Heater.
1 Hose Wagon.	2 Tanks.
	1 Force Pump.

SUPPLIES ON STEAMER.

2 Lengths Suction Hose.	3 Oil Cans.
2 Monkey Wrenches.	1 Torch.
1 Apron.	5 Play Pipe Tips.
1 Hammer.	1 Siamese Coupling.
1 Set of Engine Wrenches.	1 Fire Shovel.
1 Screw Driver.	1 Hydrant Wrench.
1 Cold Chisel.	1 Hose Spanner.
2 Lanterns.	1 Poker.
	1 Set Extra Grates.

SUPPLIES ON WAGON.

1000 Feet 2½-in. Cotton Hose.	3 Play Pipes.
1 Extension Ladder.	1 Shovel.
1 Canvas Cover.	1 Ball Nozzle.

2 Axes.	2 Forches.
1 Pike Pole.	1 Crow Bar.
1 Hay Hook.	4 Hose Spanners.
2 Hydrant Wrenches.	1 Hose Leak Stop.
1 Hose Clamp.	1 Hydrant Pump.
1 Stay.	1 Apron.

75 Foot Rope.

HOUSE.

4 Horses.	2 Set Dbl. Swingi'g Harness.
2 Whips.	175 Feet Rope.
2 Brass Sliding Poles.	50 Feet 1-in Hose.
4 Horse Blankets.	9 Brooms.
6 Cuspidors.	1 Mop Stick.
1 Vise.	1 Hand Saw.
1 Hatchet.	4 Files.
1 Jack.	1 Cot.
1 Table.	7 Beds Complete.
1 Bath Tub.	1 Wash Stand.
2 Towel Rollers.	20 Towels.
1 Looking Glass.	1 Desk.
20 Chairs.	2 Dusters.
1 Mat.	1 Pulley.
1 Sprinkling Can.	1 Gas Lighter.
1 Map, City of Fort Wayne.	2 Curry Combs.
2 Brushes.	3 Iron Stoves with Pipe.
3 Large Oil Cans.	6 Tons Hay.
400 Bu. Oats.	3 Bu. Corn.
5 Tons Coal.	4 Wood Buckets.
2 Hay Forks.	1 Scoop Shovel.
1 Rake.	1 Basket.
1 Saddle.	40 30-Foot Fire Alarm Poles.

1 Gong and Indicator. 1 Trip.

NO. 5 ENGINE HOUSE.

1 3rd-class LaFrance Ste'mer. 1 Hose Wagon.

SUPPLIES ON STEAMER.

2 Lengths Suction Hose.	2 Horse Blankets.
1 Monkey Wrench.	1 Coal Shovel.
1 Oil Can.	1 Spanner.
1 Screw Driver.	1 Hydrant Wrench.
1 Apron.	1 Torch.
1 Set Engine Wrenches.	1 Poker.
1 Cold Chisel.	5 Play Pipes Tips.
2 Lanterns.	1 Whip.
6 Feet Steam Hose.	

SUPPLIES ON WAGON.

1000 Feet 2½-in. Cotton Hose.	2 Axes.
1 Ext. Ladder.	1 Small Axe.
1 Pike Pole.	75 Feet Rope.
1 Hay Hook.	1 Shovel.
2 Horse Blankets.	1 Hose Leak Stop.
1 Hydrant Pump.	1 Crow Bar.
1 Hydrant Wrench.	1 Ball Nozzle.
1 Whip.	2 Play Pipes.
1 Monkey Wrench.	2 Tips.
4 Spanners.	1 Apron.
2 Torches.	1 Canvas Cover.

HOUSE.

1 Gong and Indicator.	1 Trip.
2 Set Dbl. Swinging Harness.	3 Stoves, with pipe.
1 Smith Heater.	2 Water Tanks.
4 Horses.	4 Bridles.

1 Extra Bridle.	2 Brass Sliding Poles.
8 Brooms.	2 Mop Sticks.
7 Beds Complete.	1 Bath Tub.
2 Wash Stands.	2 Towel Rollrs.
20 Towels.	1 Desk.
1 Jack.	1 Hatchet.
1 Sprinkling Can.	6 Cuspidores.
2 Files.	1 Vice and Bench.
1 Hand Saw.	1 Cot.
1 Table.	20 Chairs.
1 Looking Glass.	1 Mat.
1 Can Axle Oil.	8 Tons Hay.
300 Bu. Oats.	4 Tons Coal.
2 Dusters.	2 Dust Pans.
1 Saddle.	2 Horse Brushes.
2 Curry Combs.	1 Basket.
1 Scoop Shovel.	2 Hay Forks.
1 Rake.	4 Buckets.
1 Rope and Pulley.	50 Feet 1-in. Hose.
2 Stays.	1 Force Pump.
2 Sponges.	1 Map, City of Fort Wayne.
13 Window Curtains.	1 Siamese Coupling.
1 Set Ex. Grates for Ste'mer.	5 Gal. Coal Oil.
3 Gal. Machine Oil.	3 Gal. Cylinder Oil.
	1 Can Polish.

No. 6. ENGINE HOUSE.

1 3rd-class LaFrance Ste'mer.	1 Smith Heater.
1 Hose Wagon.	2 Water Tanks.

SUPPLIES ON STEAMER.

2 Lengths Suction Hose.	1 Torch.
-------------------------	----------

8 Feet Steam Hose.	2 Lanterns.
1 Set Engine Wrenches.	2 Oil Cans.
2 Monkey Wrenches.	5 Play Pipe Tips.
1 Hammer.	1 Siamese Coupling.
1 Screw Driver.	1 Set Extra Grates.
1 Cold Chisel.	1 Canvas Apron.

SUPPLIES ON WAGON.

1000 Feet 2½-in. Cotton Hose.	1 Stay.
1 Ext. Ladder.	2 Play Pipes.
1 Canvas Cover.	2 Torches.
2 Axes.	1 Shovel.
1 Pike Pole.	1 Crow Bar.
1 Hay Hook.	1 Hose Leak Stop.
2 Hydrant Wrenches.	2 Spanners.
2 Hose Clamps.	200 Feet Rope.
1 Hydrant Pump.	

HOUSE.

4 Horses.	2 Set Dbl Swinging Harness.
2 Brass Sliding Poles.	3 Iron Stoves with Pipe.
7 Beds, Complete.	1 Folding Cot.
1 Bath Tub.	1 Table.
1 Map, City of Fort Wayne.	20 Chairs.
2 Wash Stands.	2 Towel Rollers.
20 Towels.	6 Cuspidors.
4 Horse Blankets.	2 Whips.
2 Mops.	6 Brooms.
1 Basket.	1 Scoop Shovel.
1 Hay Fork.	1 Rake.
1 Saddle.	2 Brushes.
2 Curry Combs.	4 Horse Buckets.
1 Force Pump.	50 Feet 1-in. Hose.

1 Jack.	1 Hand Saw.
1 Hatchet.	2 Files.
1 Vise.	1 Gas Lighter.
2 Dusters.	5 Tons Hay.
250 Bu. Oats.	1 Ton Coal.
3 Bu. Bran.	1 Trip.
	1 Gong and Indicator.

Members of the Fort Wayne Fire Force.

CHIEF OF THE FIRE FORCE,

HENRY HILBRECHT.

SUPERINTENDENT OF FIRE ALARM,

JOHN SCHROEDER.

ENGINE HOUSE NO. 1.

Name.	Position.	Age	Nativity.	Height.	Weight.
Ferd Schroeder	Captain . .	38	Indiana .	5 ft. 7 $\frac{3}{4}$ in.	165 lbs.
Meinhard F. Reiling . .	Engineer .	33	Indiana .	6 ft. 1 in.	170 lbs.
Edward C. Hill	Ex Engineer	47	Indiana .	5 ft. 9 $\frac{1}{2}$ in.	160 lbs.
Peter Freiburger	Driver . .	31	Indiana .	5 ft. 8 in.	180 lbs.
Nester Martin	Driver . .	30	Indiana .	5 ft. 9 in.	180 lbs.
Thomas Daily	Driver . .	38	Indiana .	6 ft. .	170 lbs.
John F. Huber	Hoseman .	34	Indiana .	6 ft. 1 in.	200 lbs.
Fred Reinking	Hoseman .	43	Indiana .	5 ft. 8 in.	160 lbs.
William Schwier	Hoseman .	36	Germany	5 ft. 8 in.	160 lbs.
Benj. R. Stanbury . . .	Hoseman .	36	New York	5 ft. 8 in.	155 lbs.
John M. Fleishman . . .	Hoseman .	32	Indiana .	5 ft. 7 in.	175 lbs.

ENGINE HOUSE NO. 2.

Name.	Position.	Age	Nativity.	Height.	Weight.
Michael Connors	Captain . .	56	Ireland .	5 ft. 11 in.	170 lbs.
David V. North	Engineer .	44	N Carolina	5 ft. 8 in.	170 lbs.
Emanuel Hoch	Driver . .	29	Indiana .	5 ft. 8 in.	150 lbs.
Louis J. Neiman	Driver . .	30	Russia .	5 ft. 7 $\frac{1}{2}$ in.	140 lbs.
Frank J. Poerson	Driver . .	35	Indiana .	5 ft. 10 in.	200 lbs.
Valentine Hartman . . .	Hoseman .	33	Indiana .	5 ft. 8 in.	150 lbs.
Gustave F. Hilgeman . .	Hoseman .	27	Indiana .	5 ft. 8 in.	190 lbs.
Meinhard Swart	Hoseman .	31	Indiana .	5 ft. 11 in.	150 lbs.

ENGINE HOUSE No. 3.

Name.	Position.	Age	Nativity.	Height.	Weight.
Louis Steup	Captain . .	41	Indiana	5 ft. 10 in.	165 lbs.
George Klingman	Driver . .	29	Indiana	6 ft.	170 lbs.
Edward Henschen	Driver . .	28	Indiana	5 ft. 11 $\frac{1}{4}$ in.	195 lbs.
Gottlieb Steup	Hoseman . .	35	Indiana	6 ft.	165 lbs.
George W. Jasper	Hoseman . .	35	Indiana	6 ft. 1 in.	210 lbs.
Charles M. Kemp	Hoseman . .	23	Indiana	6 ft.	160 lbs.

ENGINE HOUSE No. 4.

Name.	Position.	Age	Nativity.	Height.	Weight.
John Stahlhut	Captain . .	30	Indiana	5 ft. 11 in.	165 lbs.
Edward B. Lepper	Engineer . .	38	New York	5 ft. 8 in.	155 lbs.
Edward Moody	Driver . .	38	England	5 ft. 9 in.	160 lbs.
Frank Albrecht	Driver . .	34	Indiana	5 ft. 10 in.	170 lbs.
Mead Gendlesparger . . .	Hoseman . .	35	Indiana	5 ft. 7 in.	160 lbs.
John S. Welch	Hoseman . .	38	Indiana	5 ft. 7 in.	140 lbs.

ENGINE HOUSE No. 5.

Name.	Position.	Age	Nativity.	Height.	Weight.
John Baker	Captain . .	37	Indiana	5 ft. 9 $\frac{1}{2}$ in.	200 lbs.
Edward Keech	Engineer . .	39	Pennsylvania	5 ft. 9 in.	175 lbs.
George Trautman	Driver . .	31	Indiana	6 ft.	190 lbs.
Charles Winkelmeier . . .	Driver . .	32	Germany	5 ft. 7 $\frac{1}{2}$ in.	185 lbs.
Elmer Bisel	Hoseman . .	29	Indiana	5 ft. 7 in.	150 lbs.
Andrew Baillie	Hoseman . .	24	Indiana	6 ft.	165 lbs.

ENGINE HOUSE No. 6.

Name.	Position.	Age	Nativity.	Height.	Weight.
John Zent	Captain . .	35	Indiana	5 ft. 11 $\frac{1}{2}$ in.	205 lbs.
Harry S. Schust	Engineer . .	26	W. Virgin.	5 ft. 7 in.	140 lbs.
Christ Rohyans	Driver . .	37	Germany	5 ft. 8 $\frac{1}{2}$ in.	165 lbs.
William Hensel	Driver . .	29	Indiana	5 ft. 11 in.	155 lbs.
Hugh Dix	Hoseman . .	27	Indiana	5 ft. 8 $\frac{1}{2}$ in.	160 lbs.
Henry Guth	Hoseman . .	27	Indiana	5 ft. 10 in.	165 lbs.

[illegible]

ENGINE HOUSE NO. 3.

Name.	Position.	Age	Nativity.	Height.	Weight.
Louis Steup	Captain . .	41	Indiana .	5 ft. 10 in.	165 lbs.
George Klingman	Driver . .	29	Indiana .	6 ft.	170 lbs.
Edward Henschen	Driver . .	28	Indiana .	5 ft. 11½ in.	195 lbs.
Gottlieb Steup	Hoseman . .	35	Indiana .	6 ft.	165 lbs.
George W. Jasper	Hoseman . .	35	Indiana .	6 ft. 1 in.	210 lbs.
Charles M. Kemp	Hoseman . .	23	Indiana .	6 ft.	160 lbs.

ENGINE HOUSE NO. 4.

Name.	Position.	Age	Nativity.	Height.	Weight.
John Stahlhut	Captain . .	30	Indiana .	5 ft. 11 in.	165 lbs.
Edward B. Lepper	Engineer . .	38	New York	5 ft. 8 in.	155 lbs.
Edward Moody	Driver . .	38	England .	5 ft. 9 in.	160 lbs.
Frank Albrecht	Driver . .	34	Indiana .	5 ft. 10 in.	170 lbs.
Mead Gendlesparger . . .	Hoseman . .	35	Indiana .	5 ft. 7 in.	160 lbs.
John S. Welch	Hoseman . .	38	Indiana .	5 ft. 7 in.	140 lbs.

ENGINE HOUSE NO. 5.

Name.	Position.	Age	Nativity.	Height.	Weight.
John Baker	Captain . .	37	Indiana .	5 ft. 9½ in.	200 lbs.
Edward Keech	Engineer . .	39	Pennsylvia	5 ft. 9 in.	175 lbs.
George Trautman	Driver . .	31	Indiana .	6 ft.	190 lbs.
Charles Winkelmeier . . .	Driver . .	32	Germany .	5 ft. 7½ in.	185 lbs.
Elmer Bisel	Hoseman . .	29	Indiana .	5 ft. 7 in.	150 lbs.
Andrew Baillie	Hoseman . .	24	Indiana .	6 ft.	165 lbs.

ENGINE HOUSE NO. 6.

Name.	Position.	Age	Nativity.	Height.	Weight.
John Zent	Captain . .	35	Indiana .	5 ft. 11½ in.	205 lbs.
Harry S. Schust	Engineer . .	26	W. Virgin.	5 ft. 7 in.	140 lbs.
Christ Rohyans	Driver . .	37	Germany .	5 ft. 8½ in.	165 lbs.
William Hensel	Driver . .	29	Indiana .	5 ft. 11 in.	155 lbs.
Hugh Dix	Hoseman . .	27	Indiana .	5 ft. 8½ in.	160 lbs.
Henry Guth	Hoseman . .	27	Indiana .	5 ft. 10 in.	165 lbs.

Record of Fires of the City of Fort Wayne Fire Department for the Year 1895.

[illegible]



DEPARTMENT OF
Health and Charities.

1895.

REPORT OF

OF THE

Department of Health and Charities

MEMBERS OF THE BOARD:

GEO. B. STEMEN, M. D., Secretary.

JACOB HETRICK, M. D.

A. E. VAN BUSKIRK, M. D.

For the Year Ending December 31st, 1895.

Department of Health and Charities.

FORT WAYNE, IND., Jan. 1st, 1896.

To the Hon. C. B. Oakley, Mayor of the City of Fort Wayne:

DEAR SIR :—The Board of Health and Charities have the honor to present to you the following report, for the year 1895.

The Department organized under the City Charter, has charge of all matters relating to public health and city charities.

The persons engaged in the different divisions of this department during the year, are as follows : One Clerk, a Bacteriologist and Chemist, and three Sanitary Inspectors.

Mortality Report for 1895.

CAUSES OF DEATH.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Accidental.....	1	..	2	1	2	..	4	2	..	1	..	1	14
Acute Respiratory Disease.....	9	8	10	6	7	12	..	8	7	7	8	5	77
Consumption.....	4	3	6	4	12	10	3	6	7	14	12	11	92
Cancer.....	1	2	1	3	..	1	2	..	1	..	..	2	13
Croup.....	2	1	4	2	..	..	1	..	3	2	1	1	17
Diphtheria.....	7	6	5	4	1	..	1	2	3	12	4	2	47
Disease of Digestive System.....	4	4	6	5	3	14	15	20	11	7	4	4	97
" Urinary ".....	4	1	2	1	4	12	5	3	1	..	2	1	26
" Circulatory ".....	6	1	2	4	7	12	11	12	6	10	1	3	65
" Nervous ".....	1	..	..	3	2	..	..	..	1	..	..	1	8
Erysipelas.....	..	..	1	..	..	..	..	1	..	..	..	..	2
Malarial Diseases.....	..	..	1	1	..	..	..	..	..	1	..	..	3
Measles.....	..	..	..	..	1	..	..	..	1	..	..	..	2
Old Age.....	4	1	4	2	1	1	..	1	2	1	2	4	23
Puerperal Diseases.....	1	..	1	..	2	..	..	1	1	2	..	1	9
Scarlet Fever.....	1	..	..	2	..	2	1	..	2	1	1	1	11
Typhoid Fever.....	..	..	1	3	1	..	..	2	3	6	2	2	20
Unclassified.....	14	6	9	4	2	7	4	3	11	4	4	6	74
Still Born.....	2	1	4	2	1	3	1	3	2	1	1	2	23
	61	34	59	47	48	44	48	64	61	69	42	47	623

MORTALITY REPORT—CONTINUED.

Sex and Color.	Jan.	Feb.	March	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
White Males.....	34	18	30	23	26	20	26	34	30	34	22	25	322
“ Females.....	27	16	29	24	21	24	22	29	31	34	20	22	298
Colored Males.....	...	...	...	...	1	...	...	...	...	1	...	...	2
“ Females.....	...	...	...	...	...	...	...	1	...	...	...	...	1
Total.....	61	34	59	47	48	44	48	64	61	68	42	47	623
Social Condition.													
Married.....	20	12	18	16	17	16	15	23	20	24	14	16	211
Single.....	30	18	22	20	28	20	25	31	30	28	20	24	296
Widows.....	6	3	8	6	3	7	5	6	7	9	3	3	66
Widowers.....	3	1	6	4	...	1	3	3	4	7	1	3	36
Unknown.....	2	...	5	1	...	...	...	1	...	...	4	1	14
Total.....	61	34	59	47	48	44	48	64	61	68	42	47	623
Nativity.													
Unknown.....	6	3	5	3	4	6	3	8	6	8	3	4	59
United States.....	40	20	42	30	30	30	31	49	40	39	30	29	410
England.....	3	2	1	3	3	2	3	1	1	2	1	3	26
Ireland.....	4	2	5	4	3	1	2	2	1	1	2	1	28
Germany.....	7	4	6	5	6	3	7	3	10	13	6	9	79
Switzerland.....	...	1	...	...	...	...	...	1	...	2	...	...	4
Scotland.....	...	1	...	1	...	...	1	...	2	2	...	1	8
France.....	1	1	...	1	2	2	...	...	1	1	...	...	9
Total.....	61	34	59	47	48	44	48	64	61	68	42	47	623
By Whom Certified													
Physician.....	60	34	54	45	47	42	47	64	60	65	41	45	603
Coroner.....	1	...	5	2	1	2	1	...	1	4	1	2	20
Total.....	61	34	59	47	48	44	48	64	61	69	42	47	623

Show mortality by stated periods of life.

	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Under 1 year	6	12	8	4	5	6	4	10	9	11	5	6	76
From 1 to 5	12	4	10	8	6	9	8	13	11	14	11	11	117
“ 5 to 10	3	6	5	4	6	4	5	7	8	9	4	5	66
“ 10 to 15	4	5	4	2	5	2	2	4	5	6	5	5	49
“ 15 to 20	12	12	7	5	12	3	5	5	4	5	3	4	47
“ 20 to 30	7	6	5	6	12	4	5	6	5	5	3	3	57
“ 30 to 40	6	12	1	12	6	1	3	5	4	4	12	4	40
“ 40 to 50	6	3	5	4	3	2	4	4	4	2	3	1	41
“ 50 to 60	6	12	4	3	4	3	3	3	4	12	12	1	37
“ 60 to 70	3	12	3	2	2	4	2	3	4	4	1	2	32
“ 70 to 80	1	...	1	12	4	3	12	12	12	5	12	12	26
“ 80 to 90	1	...	12	1	1	12	1	1	1	1	1	1	13
Over 90	...	...	...	...	...	...	...	...	...	1	...	...	1
Unknown	4	...	4	4	2	1	3	1	...	1	...	2	22
Total	61	34	59	47	48	44	48	64	61	69	42	47	623

BIRTHS FOR 1895.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Males.....	30	40	31	31	31	28	32	31	33	35	40	32	391
Females...	36	34	41	38	32	37	29	33	27	35	39	33	414
Total...	66	74	72	68	62	65	61	63	60	70	79	65	805

Excess of births over deaths for the year, 182.

The average birth rate per month, 67 1-12.

The estimated population of the city, 45,000, gives a birth rate of 17 8-9 per 1,000.

The average death rate per month, 52.

The estimated population being 45,000 gives a death rate of about 14 per 1,000, which is $1\frac{1}{2}$ per 1,000 less than last year and speaks well for the general health of the city during the last year, notwithstanding the many scares occasioned by the reports of frightful epidemics of diphtheria in the city which, when traced down, were found to be raging only in the brains of a few sensationalists.

We find on comparing these statistics with those of other cities of the state that we are having as low and a little lower death rate than they.

CONTAGIOUS DISEASES REPORTED.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Diphtheria.....	13	19	53	6	12	4	7	4	7	18	37	17	197
Scarlet fever.....	3	12	1	4	12	12	1	1	4	7	1	3	31
Typhoid fever.....	12	4	7	5	6	1	12	7	4	2	7	...	47
Measles.....	...	...	...	...	1	12	1	...	...	...	...	1	5
Total.....	18	25	61	15	21	9	11	12	15	27	45	21	280

SANITARY WORK BY INSPECTORS.

	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
No. privies cleaned....	3	3	9	14	36	44	42	39	29	30	18	3	270
No cellars.....	14	24	23	36	44	52	55	62	41	21	34	5	411
Alleys & yards cleaned	24	26	30	48	56	45	36	117	18	16	14	5	435
No. cesspools.....	2	4	3	5	7	10	6	11	8	4	3	...	63
No. wells condemned..	1	4	3	1	...	2	...	5	2	1	1	3	23
Other nuisances abated	17	53	203	516	582	469	510	374	298	250	187	101	4051
Totals.....	61	114	271	620	725	613	649	508	396	322	257	117	5253

The wells condemned were those used by families in which typhoid fever existed, the water being examined by City Chemist, Drayer, and found to contain poisonous substances, which was the probable cause of the fever.

BACTERIOLOGICAL LABORATORY.

During the month of February, 1895, the Board of Health and Charities, had passed an ordinance establishing a Bacteriological Laboratory, also an ordinance supplying funds for its maintenance.

The Board was fortunate in securing the service of Dr. L. P. Drayer, an energetic young man who is particularly fitted for the position of City Bacteriologist and Chemist, who was placed in charge of this department. The original and main object of the Laboratory was the diagnosis of diphtheria; as we were of the opinion that many cases were being reported to the Board as diphtheria were not in fact such, while worse still, many cases of true diphtheria were not reported nor diagnosed as such, in which was the greatest danger to the citizens. We are happy to say that all the leading physicians of the city have availed themselves of this means of diagnosis and that all with one accord speak highly of this department of the Board.

We desire to call especial attention to the report of the Bacteriologist, which shows that during the eleven months of the year 1895, he examined 424 suspected cases of diphtheria, and out of that number only 135 proved to be diphtheria while 145 were only cases of innocent sore throat. Under the old system all of these cases would have been subject to quarantine regulations, thus it will be seen the value of the Laboratory, in this one respect alone. In addition to these duties he also looks after our water and food supply, as a perusal of his report will show.

The disinfection of premises in which contagion has existed is under his direct supervision, thus insuring thorough work where formerly it was left entirely in the hands of the attending physicians who usually left instructions with the families,

who, if they did anything at all in the way of disinfection, were evidently not always thorough as in some houses we have had two and sometimes three outbreaks of the disease, showing conclusively that in these cases at least it was very faulty.

Respectfully submitted,

GEO. B. STEMEN, M. D., Secretary.

J. HETRICK, M. D.

A. E. VANBUSKIRK, M. D.

Report of the Municipal Laboratory.

1895.

L. P. DRAYER, M. D.

CHEMIST AND BACTERIOLOGIST.

CONTAGIOUS DISEASES.

The opening of February, 1895, saw the establishment, by the Board of Public Health and Charities, of a Bacteriological Laboratory for the purpose of examining and determining the true character of suspicious throat cases. The physicians were invited to use the culture test without expense to themselves or patients.

The diphtheria culture-test, as employed by the Health Departments of the American and European cities, was brought into use, and is based upon the established fact that when material from the throat of a patient sick with true diphtheria is planted upon the surface of a culture food consisting of solidified blood-serum, containing grape sugar, a growth of the diseased germs takes place very rapidly so that a positive diagnosis can be made in from ten to twenty hours. Packages containing throat swabs and culture food are kept at points accessible to physicians. Circular instructions and blanks accompany the sets, and the blanks are filled in by the attending physician, furnishing valuable data of all cases examined. A copy of the blank and circular of instruction is given below:

DIPHTHERIA.

Date	No.
Time	
Duration of Disease	
How Contracted	
Location of Membrane	
Name of Patient	
Address	
Attending Physician	
Address	
Inoculated by	
Received at Laboratory	
Incubator	
Appearance	
Mic. Examination	
No. of Slides	
Date of Disinfection	

CITY OF FORT WAYNE.

BOARD OF PUBLIC HEALTH AND CHARITIES,

CITY HALL.

◆

Directions for the Use of Cultures in the Diagnosis
of Diphtheria.

◆

The tubes for inoculation may be obtained by physician at the laboratory, 95 Calhoun street, and at Gross & Pellens.

The blank form on the back is to be filled out down to the double line, and always return with the case.

When making an inoculation the throat should be first well gargled with plain water to remove mucous and antiseptics. Remove the sterile swab from its tube and, without contact with other objects, rub it firmly against the suspicious area in the throat. Remove the cotton plug from the other tube, and rub the swab over the surface of the culture medium. Replace the swab in its own tube, and replace the cotton plugs. Send the outfit to the Department **AT ONCE**.

Cultures from Diphtheria cases should be made as early as possible, as the bacillus sometimes disappears from the throat before the membrane.

In all cases when the outfit is not used, it is to be returned to the Department of Public Health.

Signed,

GEORGE B. STEVEN,

Secretary B. of P. H. and C.

The following is a report of the work done in this Laboratory since February 1st, 1895:

Total number of examinations made.....	424
True diphtheria cases.....	135
Examination of cases convalescent to determine disappearance of bacillus	144
Cases giving negative results.....	145

Indecisive results were obtained in six cases, the cause for same being as follows:

Use of antiseptics prior to time of taking sample.....	2
Culture medium dried up.....	2
Culture made too late in disease.....	1
Delay in delivery to Laboratory.....	1

As will be seen by the tables above, a little more than one-half of all cases examined were non-contagious in character. The progress of each case was carefully watched and in no case did the clinical evidence prove an error in this culture test.

Of the 144 cases, convalescent, the diphtheria bacilli were found present for a period of from seven to thirty days in thirty-three cases. In one case, after the use of anti-toxin, diphtheria bacilli were found twenty-one days after the disappearance of the membrane. Anti-toxin has been used pretty generally in the treatment of diphtheria, and with gratifying results. Of one hundred and three cases treated there were ninety-three recoveries. Two cases, injected with anti-toxin on the fifth day and two injected on the sixth day, died; where the measure had been employed early no fatalities were reported. In nearly all cases treated with anti-toxin a local treatment has been employed with undoubted benefit. The observations of this Laboratory do not confirm the statement

made that germs disappear more rapidly from the throats of convalescents where anti-toxin has been used.

In the month of October the Board of Public Health and Charities purchased a considerable quantity of anti-toxin to be distributed among the poor of the city. It has been judiciously given out and the results therefrom have many times repaid the expenditure. All cases among the poor were supplied after a bacteriologic examination had been made and the remedy was used not only for curative effects, but also to produce immunity. The immunizing process has not been entirely satisfactory. For this purpose a quantity of the serum equivalent to 200 units was employed. In about one-half the cases, a mild attack of diphtheria followed, which readily succumbed to the immediate use of a curative dose of the serum.

The contagion has been spread because of a failure on the part of infected families to observe quarantine rules and regulations. In October when an epidemic seemed imminent the sanitary force was increased and to these men much credit is due for the present condition of health in the city. They called upon all quarantined families daily, supplied them with their daily necessities and medicines throughout the progress of the disease. The disinfection of houses is looked after by me, personally. After the throat is declared free from contagion, fumigation is commenced; sulphur, in the presence of moisture, is burned in close rooms for twenty-four hours; walls and woodwork are washed with 1:1000 bi-chloride of mercury solution, or with chlorinated zinc solution. All articles coming in direct contact with the patient are burned and all washable or bakeable material is subjected to high degrees of heat for a protracted time. The inmates are instructed as to their personal disinfection and when all orders are strictly obeyed the card is removed.

Of contagious diseases, other than diphtheria, we have been comparatively free. The physicians of the city have shown their willingness to assist in the prevention of contagious diseases and in only two instances was it necessary to enforce health laws by prosecution.

WATER SUPPLY.

The city's water supply is derived from bored wells sunken into gravel and rock strata. The water is forced into the mains from two pumping stations; one at the foot of Van Buren street and the other a short distance north of the North Side Park. Based upon the number of water permits issued and allowing for water used for fires, sprinkling and all other purposes, the computation shows a daily supply of fifty gallons per individual. The supply is not exposed to any contamination until it is drawn from the consumer's tap. A chemical and bacteriologic analysis is made weekly, the sample taken as it flows from the laboratory tap. The examination consists of the determination of the free and albuminoid ammonia, chlorides and solids after evaporation. The number of bacteria present is determined by gelatine-plate culture, and to this examination the greatest importance is attached. The quality of water, as it is supplied to the consumers in the city, is exceptionally good. The examinations reveal occasional traces of ammonia, a small percentage of chlorine, bacteria present ranging from 250 to 500 per cubic centimeter, none dangerous or detrimental to health. In no instance has it been possible to isolate typhoid bacilli in the city supply. The greatest evil is to be found in the "old well" system. These wells are found to be, in the vast majority of cases, shallow, walled with brick, stone or wood, in close proximity to privy vaults, making them a receptacle for surface drainage and

sewage of all descriptions. To these wells a goodly number of the typhoid cases and intestinal disturbances of the consumers can be directly traced. It has been the policy to condemn all such wells upon the slightest evidence of contamination. Samples have been classified under three heads: *Usable*, *suspicious* and *impure*. The following is a tabulated statement of water examined since May 1st, 1895:

	USABLE.	SUSPICIOUS.	IMPURE.
May.....	8	4	4
June	9	4	1
July	11	8	3
August	8	4	3
September	8	1	3
October.....	5	2	1
November	4	0	1
December.....	4	2	1

MILK DIVISION.

On the first day of May the Board of Health instituted a systematic investigation of the milk supply. The sanitary officers were instructed as to the method of procuring samples, such sample being taken at times unknown to the dealers. These samples were numbered and delivered by the officer to the Laboratory. The routine examination consists of the following simple procedure: The weight is determined by means of a Quevenne's lactometer with thermometer attachment; the Babcock centrifuge is used for the determination of butter. From the specific gravity and percentage of butter-fat the solids not fat are computed by means of the following formula:

The only evil in connection with this food supply is the sale of "skimmed" milk at pure milk prices. While this is not an evil in so far as public health is concerned, because milk from which the cream has been separated is a valuable food, yet it is one form of swindling a community and should be prevented. An ordinance should be passed making it necessary for all dealers to mark their cans, either by painting them or with metal tags, so that the consumer may know the quality of milk purchased. Another question of importance is the sanitary condition of the dairy barns and depots. Since disease-producing germs enter the body with the milk consumed, more often perhaps than by any other way, strictest adherence to hygienic and sanitary laws should seem apparent. The bacteriologic examination of the milk samples where tuberculoses has been suspected, results unsatisfactory as a rule. The Laboratory should be equipped with all the established scientific measures for the early detection of diseases. If *tuberculin* or *malein* were employed more often, the probabilities are that animals from the dairy herds would be condemned.

The tabulated statements of samples examined since May 1st, 1895, is as follows:

NO. SAMPLES EXAMINED. ABOVE GRADE. BELOW GRADE.			
May	75	59	16
June	100	85	15
July	58	57	1
August	63	61	2
September	52	51	1
November	41	41	0

Samples were not taken in October and December.

A tabulation by months of analyses made in the laboratory since February, 1895, is as follows:

	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Butter.....	1			1			1					3
Butter Milk.....					2							2
Cheese.....						1						1
Diagnosis of Diphtheria.....	36	42	28	26	22	24	26	31	34	97	58	424
Meat.....			1			1					1	3
Milk.....				75	100	58	63	52		4		389
Poultry Poisoning.....						1						1
Vinegar.....							1					1
Water.....				16	14	22	15	12	8	5	7	99
Sausage.....	1											1
Total number of analyses.....												924

L. P. DRAYER, M. D.
City Chemist and Bacteriologist.

Water Works Department.
1895.

In Memoriam.



HENRY C. GRAFFE.

HENRY C. GRAFFE,

BORN MARCH 1, 1838,

COUNCILMAN IN 1874 AND 1875.

APPOINTED

WATER WORKS TRUSTEE IN APRIL, 1892,

ELECTED IN MAY, 1892.

RE-ELECTED IN MAY, 1894, AND SERVED

UNTIL HIS DEATH, JANUARY 1,

1896.



Seventeenth Annual Report,

OF THE

Trustees of the Water Works.

—OF—

FORT WAYNE, IND.



FOR THE FISCAL YEAR, ENDING DEC. 31, 1895.

OFFICERS OF THE WATER WORKS.

FOR THE YEAR 1895.

TRUSTEES,

HENRY C. GRAFFE, PRESIDENT.

(Term expires May 1, 1896.)

CHARLES McCULLOCH,

(Term expires May 1, 1896.)

WILLIAM BITTLER.

(Term expires May 1, 1896.)

CLERK,

P. J. McDONALD,

ENGINEER,

THOMAS BAXTER,

INSPECTOR,

FRANK ITEN.

SEVENTEENTH ANNUAL REPORT.

—OF THE—

Trustees of the Water Works,

FORT WAYNE, INDIANA.

To the Honorable Mayor and Common Council of the City of Fort Wayne:

GENTLEMEN:—With pleasure we submit for your consideration the seventeenth annual report of the Water Works Department for the year ending December 31st, 1895. This includes full details of the various improvements made, the cost of the same and every thing else pertinent to the maintenance of this department.

When these works were completed and accepted by the City, we had but twenty-five miles of pipe and two hundred hydrants for fire protection, with a pumping capacity of 3,000,000 gallons per day; to-day we have sixty-five miles of pipe, five hundred and fifty-eight hydrants and a pumping capacity of 11,000,000 gallons, and still the pipe system is inadequate to supply the demands of our people. Hundreds of petitions have been sent to the council for the extension of water mains. The Trustees have done all in their power in this direction and provisions should be made for extensions every year, so that our citizens may have what they are paying for and what they are justly entitled to from this department.

Last year 22,000 feet of pipe were laid. It will be seen that the extension of water mains is appreciated, as each year

shows an increase in number of consumers. Over eight hundred service connections have been made since last report. This is a very great increase; in fact the largest number in one year since the completion of the works. We now have over 5,800 consumers, which is more than cities of twice the size of Fort Wayne can say.

Wells have practically been abandoned in this city and the people want city water, hence the necessity of extending the mains, not only for domestic purposes but also to give fire protection to the people who contribute annually toward the construction of these works.

The Trustees have given the source of the water supply their careful consideration and as a result have sunk test wells in different places, resulting in the finding of a remarkable quantity of water on Ross street, and accordingly a temporary plant was constructed at this place. At this pumping station there are connected six wells from which we can easily get 2,000,000 gallons daily. At a meeting of a committee of the Council and Trustees, it was agreed that a new plant would have to be constructed in order to give an additional supply, but before undertaking this it was decided to consult an engineer, consequently Mr. John A. Cole, an eminent engineer of Chicago, who was highly recommended, was asked for an opinion on this subject, and after giving the matter careful thought, finally decided and recommended that the present system of wells be reconstructed, and that an inlet or receiving well be built near the pumping station, and that separate lines of mains be laid so as to discharge water from the rock wells through one or two pipes, while the gravel wells are discharging through another system. The pumping engine will, in that case, draw its supply direct from the well and be relieved from

the disturbance which is now occasioned by the excessive accumulation of air in the suction pipe.

The Trustees upon receiving this report decided to abandon the idea of a new pumping station, for if we can get a sufficiency of water from our present well system, it means the saving of a large sum in the way of construction and maintenance of a new plant. During the past year 1,043,892,273 gallons of water were pumped, being an average daily pumpage of about 3,000,000 gallons.

For fuller particulars and details you are respectfully referred to the appended report of the Clerk.

Respectfully,

H. C. GRAFFE,

C. McCULLOCH,

WILLIAM BITTLER,

Trustees of the Water Works.

Clerk's Report.

OFFICE OF THE WATER WORKS)
FORT WAYNE, IND., Jan. 1, 1896.)

GENTLEMEN:—The following is a report of the finances, operation and condition of the Fort Wayne Water Works for the year ending December, 1895:

RECEIPTS.

Water Rents	\$49,197 49	
Meter Rents.....	90 80	
Special Revenue.....	443 18	
Penalties for turning Water off and on..	107 00	
		\$49,838 47
Permits for Service Connections.....	4,587 99	
Meter Account	2,616 15	
Pipe Account	391 76	
Pipe Laying Account.....	35 99	
Valve Account.....	27 10	
Meter Repair Account	63 45	
Implements	3 60	
Charles F. Pfeiffer.....	900 00	
City of Fort Wayne.....	15000 00	
		\$23,626 04
		\$73,464 51
Amount on hand at last report		112 22
		\$73,576 73
Deposit with Treasurer.....	\$73,015 95	
Rebate	263 71	
Permit Refunded	5 00	
		\$73,284 66
Balance on hand January 1, 1896		\$ 292 07

Face of Ledger January 1st, 1896.

ACCOUNT (Total to Date)	Dr.	Cr.	Dr, Balance,	Cr. Balance.
Pipes and Specials	233,773 39	118,045 39	115,728 00	-----
Pipe Laying	86,408 39	62,511 90	23,896 49	-----
Valves	14,799 87	10,695 26	4,104 61	-----
Hydrants	25,291 74	12,491 89	12,799 85	-----
Reservoir	59,102 99	21 55	59,081 44	-----
Filter Basin	12,517 47	304 62	12,212 85	-----
Spy Run Construction	3,648 56	201 00	3,417 56	-----
St. Joe River Well	5,631 07	22 17	5,608 90	-----
Engine House and Con	25,070 81	50 00	25,020 81	-----
Engine and Boilers	75,580 93	439 50	75,141 43	-----
Engine House Fur. and Fix	191 63	-----	191 63	-----
Engineering and Inspections	8,343 69	-----	8,343 69	-----
Office Expenses during Con	415 30	-----	415 30	-----
Traveling Expenses during Con	371 45	-----	371 45	-----
Sundries during Con	1,010 46	-----	1,010 46	-----
Extension of Mains	200,200 06	98 08	200,101 98	-----
City of Fort Wayne	17,197 95	414,552 86	-----	397,354 91
Water Works Trustees	280,238 69	280,238 18	51	-----
City Treasurer	608,517 47	607,880 87	636 60	-----
Cash	611,011 94	610,719 87	292 07	-----
Service Connections	61,397 63	34,074 57	27,323 06	-----
Meters	14,475 48	10,952 82	3,525 66	-----
Trustees' Salaries	7,123 69	-----	7,123 69	-----
Water Rent	-----	401,075 67	-----	401,075 67
Special Revenue	-----	5,505 99	-----	5,505 99
Meter Rents	-----	1,339 23	-----	1,339 23
Fines and Penalties	-----	705 00	-----	705 00
Rebate	1,350 25	-----	1,350 25	-----
Permits Withdrawn	80 00	-----	80 00	-----
Implements	2,911 45	58 50	2,852 95	-----
Pumping Service	106,003 72	65 27	105,938 45	-----
Officers' Salaries	38,101 38	-----	38,101 38	-----
Office Expenses	10,608 57	287 00	10,321 57	-----
Street Repairs	1,141 06	21 42	1,119 64	-----
Hydrant Repairs	848 00	8 00	840 00	-----
Engine Repairs	507 93	7 67	500 26	-----
Engine House Repairs	568 66	-----	568 66	-----
Filter Basin Repairs	1 50	-----	1 50	-----
Meter Repairs	1,126 75	292 56	834 19	-----
Spy Run Maintenance and Repairs	2,723 67	-----	2,723 67	-----
Sundries	3,899 22	-----	3,899 22	-----
Special Deposits	716 25	733 75	-----	17 50
Discount	48 65	-----	48 65	-----
Spy Run Wells	21,790 31	25 50	21,764 81	-----
Spy Run Pumping Station	1,884 07	-----	1,884 07	-----
Spy Run Suction Pipe	14,741 78	13 55	14,728 23	-----
Traveling Expenses	285 18	-----	285 18	-----
Legal Expenses	1,281 94	81 40	1,200 54	-----
Personal Accounts	322 84	-----	322 84	-----
Interest	873 34	-----	873 34	-----
Machine Shop	1,232 79	-----	1,232 79	-----
North Side Park	439 70	-----	439 70	-----
Officers' Salaries during Con	344 98	-----	344 98	-----
Pumping Station No. 2	368 51	-----	368 51	-----
Test Wells	900 00	-----	900 00	-----
Van Buren Street Wells	2,027 93	-----	2,027 93	-----
Engine and Boiler Station No. 2	2,155 00	-----	2,155 00	-----
Van Buren Street Suction Pipe	1,455 13	-----	1,455 13	-----
Pumping Service Station No. 2	249 50	-----	249 50	-----
Charles F. Pfeiffer	-----	900 00	-----	900 00
Inlet Well	1,107 92	-----	1,107 92	-----
	\$2,574,421 04	\$2,574,421 04	\$806,898 30	\$806,898 30

Statement of Expenditures.

For the Year 1895.

ON WHAT ACCOUNT.

Pipes and Special Castings.....	\$23,541	88
Pipe Laying.....	7,560	99
Valves and Valve Boxes.....	2,015	82
Hydrants.....	1,538	43
Engines and Boilers.....	52	21
Spy Run Wells.....	3,581	58
Reservoir.....	1,653	66
Inlet Well.....	1,107	92
Spy Run Suction Pipe.....	62	30
Pumping Station No. 2.....	368	51
Test Wells.....	900	00
Van Buren Street Wells.....	2,027	93
Engines and Boilers Station No. 2.....	2,155	00
Van Buren Street Suction Pipe.....	1,455	13
Total Construction.....	\$48,021	36
Pumping Service.....	\$ 7,772	41
Officer's Salaries.....	2,850	00
Implements and Instruments.....	152	10
Office Expense.....	650	03
Street Repairs.....	29	02
Hydrant Repairs.....	38	20
Machine Shop.....	1	10
Meter Repairs.....	92	48
Engine House Repairs.....	18	50
Legal Expense.....	10	00
Sundries.....	444	82

Engine Repairs.....	9 34
Pumping Service Station No. 2.....	249 50
Total ordinary maintenance.....	<u>\$12,317 50</u>
Trustee's Salaries	\$ 450 00
Meters and Setting	3,283 02
Service Connections.....	8,950 50
Spy Run Maintenance and Repairs	129 14
	<u>\$12,812 66</u>
Total for all purposes....	\$73,151 52

MAINTENANCE FUND.

Amount in City Treasurer's Fund, as per last Report, \$	772 17
Amount deposited with Treasurer during year.....	<u>73,015 95</u>
Total Water Works Fund.....	\$73,788 12
Expenditures as per itemized statement elsewhere.	<u>73,151 52</u>
Balance in Treasury January 1, 1896.....	\$ 636 60

FINANCIAL SUMMARY.

The Trustees have received from all sources to date :

As per Construction Fund	\$280,238 69
As per Cash Account.....	611,011 94
Total.....	<u>\$891,250 63</u>

And have expended:

For Construction	\$395,643 67
For Extension.....	201,229 68
For Maintenance	171,491 81
For all Other Purposes	<u>104,753 89</u>
Total.....	\$873,119 05

Rebates, Deposits Refunded, Permits

Cancelled, etc \$ 2,202 40

Transfer from Water Works Fund to

General Fund of City of Fort

Wayne..... 15,000 00

Total..... \$890,321 45

Leaving a balance:

In Construction Fund \$ 51

In City Treasury..... 636 60

In Cash 292 07

\$891,250 63

Combined Statement of Expenditures.

For all purposes from Beginning of the Works to Date.

ON WHAT ACCOUNT.	TOTAL. EXPENDITURES.
Pipes and Specials.....	\$233,623 39
Pipe Laying.....	86,488 00
Valves.....	14,582 87
Hydrants	25,291 74
Reservoir.....	59,102 99
Filter Basin.....	12,507 47
Spy Run Dam Construction.....	3,648 56
St. Joe River Well Supply.....	5,631 07
Engine House and Connections.....	25,070 81
Engines and Boilers	75,545 88
Engine House Furnitures and Fixtures.....	191 63
Engineering and Inspections.....	8,343 69
Office Expenses, During Construction.....	415 30
Officers' Salaries, During Construction	344 98
Traveling Expenses, During Construction.....	371 45
Sundries and Incidentals	1,010 46
Extensions, Miscellaneous Items.....	156 48
Spy Run Wells.....	21,790 31
Spy Run Suction Pipe	14,741 78
Inlet Well.....	1,107 92
Pumping Station No. 2.....	368 51
Test Wells.....	900 00
Van Buren Street Wells.....	2,027 93
Engines and Boilers, Station No. 2.....	2,155 00
Van Buren Street Suction Pipe.....	1,455 13
Total.....	\$596,873 35
Deduct Amount Distributed among Extensions ...	201,229 68
Total Net Construction to Date.....	\$395,643 67

Trustees' Salaries.....	7,123 69
Service Connections.....	61,397 63
Meters and Setting.....	14 478 48
Ordinary Maintenance.....	171,491 81
Spy Run Maintenance and Repairs.....	2,723 07
Transfer to City Construction Fund.....	2,597 43
Maintenance, Afterwards Repaid from Maintenance Fund.....	2,078 89
Bills Payable	13,915 00
North Side Park.....	439 70
Total.....	\$671,889 37

Warrants Issued on Vouchers.

During the Year 1895.

No. of Warrant.	TO WHOM ISSUED.	Amount of Warrant.
1087	Pay Roll	94 45
1088	L. N. McAfee	50 08
1089	Byron E. Hattersley	3387 28
1090	James B. Clow & Sons	152 39
1091	Thomas Baxter	100 00
1092	August Franke	85 00
1093	George Smith	75 00
1094	George Schust	60 00
1095	George Iba	60 00
1096	Frank Iten	112 50
1097	P. J. McDonald	125 00
1098	Pay Roll	102 07
1099	Bass Foundry and Machine Works	622 99
1100	Addyston Pipe and Steel Company	2146 54
1101	Salimonie Mining and Gas Company	614 24
1102	H. Mueller Manufacturing Company	139 87
1103	Raymond Lead Company	311 39
1104	Herman W. Tapp	20 00
1105	C. F. Gaffie & Company	14 73
1106	National Meter Company	1414 75
1107	Hersey Manufacturing Company	17 50
1108	Thompson Meter Company	10 50
1109	F. Hilt	2 35
1110	Journal Company	162 25
1111	Robert Ogden	172 00
1112	P. E. Cox	81 75
1113	Stahn & Heinrich	6 10
1114	E. A. K. Hackett	15 95
1115	W. H. Brown	14 50
1115	A. W. Morgan Manufacturing Company	136 60
1117	Dreier & Brother	1 30
1118	Garlock Packing Company	20 25
1119	Standard Oil Company	11 19
1120	Leonard & Ellis	22 50
1121	Pfeiffer & Schlatter	15 45
1122	Central Union Telephone Company	58 50
1123	M. F. Kaag	1 00
1124	J. C. Peters & Company	2 97
1125	Joe. W. Bell	2 00
1126	Louis Schwartz	5 50
1127	H. A. Read	1 50
1128	Mossman, Yannelle & Company	62
1129	Wilcing & Son	129 53

No. of Warrant.	TO WHOM ISSUED.	Amount of Warrant.
1130	William Borgman	1 50
1131	Pay Roll	85 00
1132	Thomas Baxter	100 00
1133	August Franke	85 00
1134	George Smith	75 00
1135	George Schust	60 00
1136	George Iba	60 00
1137	Frank Iten	112 50
1138	P. J. McDonald	125 00
1139	Pay Roll	64 85
1140	Bourbon Brass and C Works	1501 25
1141	Pay Roll	123 90
1142	Addyston Pipe and Steel Company	2741 77
1143	W. W. Rockhill, P. M	30 00
1144	C. F. Muhler & Son	800 00
1145	Thomas Baxter	100 00
1146	August Franke	85 00
1147	George Smith	75 00
1148	George Schust	60 00
1149	George Iba	60 00
1150	Frank Iten	112 50
1151	P. J. McDonald	125 00
1152	Pay Roll	114 36
1153	Jennie Erickson	12 00
1154	Pay Roll	511 19
1155	James B. Clow & Son	95 60
1156	The Wagner Water S Company	1000 00
1157	Thomas Baxter	100 00
1158	August Franke	85 00
1159	George Smith	75 00
1160	George Iba	60 00
1161	George Schust	60 00
1162	Frank Iten	112 50
1163	P. J. McDonald	125 00
1164	Charles McCulloch	50 00
1165	Henry C. Graffe	50 00
1166	William Bittler	50 00
1167	Pay Roll	530 95
1168	Peter Nicodemus	105 00
1169	Pay Roll	988 52
1170	Jos. Bollinger	85 00
1171	Thomas Baxter	100 00
1172	August Franke	85 00
1173	George Smith	75 00
1174	George Schust	60 00
1175	George Iba	60 00
1176	Frank Iten	112 50
1177	P. J. McDonald	125 00
1178	Pay Roll	280 50
1179	Addyston Pipe and Steel Company	6000 00
1180	R. D. Wood & Company	1787 34
1181	Wagner Water S. Company	1000 00

No of Warrant.	TO WHOM ISSUED.	Amount of Warrant.
1182	R. D. Wood & Company	16 00
1183	N. DeWald	1 10
1184	Pickard Brothers	1 15
1185	Thompson Meter Company	4 75
1186	Wayne Knitting Mills	7 77
1187	F. Hilt	5 30
1188	Meyer Brothers & Company	5 95
1189	S. Freiburger & Brothers	6 68
1190	Morgan & Beach	1 10
1191	C. F. Muhler & Son	31 35
1192	Mossman Yarnelle & Company	8 12
1193	Jas. B. Clow & Sons.	23 35
1194	Fort Wayne Iron Works	2 74
1195	Pfeiffer & Schlatter	20 40
1196	Fort Wayne Gas Company	517 03
1197	" " " "	15 02
1198	Standard Oil Company.	19 94
1199	Leonard & Ellis	41 72
1200	Louis Schwartz	23 25
1201	A. W. Morgan Manufacturing Company	334 78
1202	H. Muhler Manufacturing Company	436 98
1203	Raymond Lead Company	923 69
1204	P. E. Cox	20 50
1205	Robert Ogden	103 30
1206	Dreier & Brother	50
1207	Siemon & Brothers	6 52
1208	Pay Roll	369 60
1209	W. W. Rockhill. P. M.	50 00
1210	Henry C. Graffe	39 00
1211	C. F. Muhler & Son	180 73
1212	Thomas Baxter	100 00
1213	August Franke	85 00
1214	George Smith	75 00
1215	George Schust	60 00
1216	George Iba	60 00
1217	Frank Iten	112 50
1218	P. J. McDonald	125 00
1219	Pay Roll	261 21
1220	" "	319 27
1221	Wagner Water S. Company	1500 00
1222	Fort Wayne Freie Presse	12 00
1223	Daily News, W. D. Page	10 80
1224	" " " "	65 00
1225	Ambrose W. Kintz	165 00
1226	Indiana Staats Zeitung	12 00
1227	The Times Post Company	10 80
1228	J. E. Erickson	9 00
1229	A. Hattersley & Sons	3355 93
1230	Pay Roll	186 35
1231	Daily Gazette	9 18
1232	Thomas Baxter	100 00
1233	August Franke	85 00

No. of Warrant.	TO WHOM ISSUED.	Amount of Warrant.
1234	George Smith	75 00
1235	George Schust	60 00
1236	George Iba	60 00
1237	Frank Iten	112 50
1238	P. J. McDonald	125 00
1239	Pay Roll	315 70
1240	John T. Young	48 00
1241	William Mitchell	16 00
1242	L. H. McAfee	15 27
1243	A. Hattersley & Sons	11 22
1244	Thompson Meter Company	1 80
1245	Hersey Manufacturing Company	46 65
1246	National Meter Company	876 60
1247	Meyer Brothers & Company	7 85
1248	Morgan & Beach	3 30
1249	H. Mueller Manufacturing Company	226 69
1250	James B. Clow & Sons	39 20
1251	E. B. Kunkle & Company	1 00
1252	C. F. Muhler & Son	4 08
1253	Henry Trier	56 41
1254	Jacob Klett & Sons	79 66
1255	D. Tagtmeyer & Son	37 27
1256	Fort Wayne Gas Company	380 43
1257	E. A. K. Hackett	49 50
1258	C. F. Graffe & Company	1 00
1259	D. E. Maxwell	5 00
1260	Journal Company	13 50
1261	Raymond Lead Company	372 83
1262	Stahn & Heinrich	3 20
1263	A. Vogeley	3 90
1264	Louis Schwartz	19 05
1265	H. Lichtsinn	2 50
1266	Mossman, Yarnelle & Company	1 67
1267	Wayne Knitting Mills	2 59
1268	Bass Foundry and Machine Works	115 81
1269	Fort Wayne Iron Works	765 00
1270	The Laidlow Dunn Gordon Company	1225 00
1271	Addyston Pipe and Steel Company	1275 97
1272	Pfeiffer & Schlatter	21 39
1273	Wagner Water S. Company	3455 13
1274	L. D. McNutt	10 00
1275	C. F. Graffe & Company	11 72
1276	Pay Roll	212 95
1277	Robert Ogden	79 53
1278	P. E. Cox	123 35
1279	Bourbon Brass and C. Works	23 80
1280	The Stoddard O. and C. Company	37 66
1281	A. W. Morgan Manufacturing Company	20 70
1282	Pfeiffer & Schlatter	7 54
1283	Raymond Lead Company	101 73
1284	Journal Company	93 20
1285	National Meter Company	236 10

No. of Warrant.	TO WHOM ISSUED.	Amount of Warrant.
1286	W. H. Brown	31 28
1287	Wayne Knitting Mills	4 41
1288	Bass Foundry and Machine Works	17 74
1289	A. Hattersley & Sons	156 06
1290	Morgan & Company	8 35
1291	Mossman Yarnelle & Company	4 59
1292	C. F. Graffe & Company	17 60
1293	Thomas Baxter	100 00
1294	August Franke	85 00
1295	George Smith	75 00
1295	George Schust	60 00
1297	George Iba	61 00
1298	Frank Iten	112 50
1299	P. J. McDonald	125 00
1300	Charles McCulloch	50 00
1301	Henry C. Graffe	50 00
1302	William Bittler	50 00
1303	John T. Young	60 00
1304	John Habel	32 00
1305	Pay Roll	375 95
1306	" "	253 00
1307	Mis. Pay Roll	54 03
1308	Thomas Baxter	100 00
1309	August Franke	85 00
1310	George Smith	75 00
1311	George Schust	60 00
1312	George Iba	60 00
1313	P. J. McDonald	125 00
1314	Frank Iten	112 50
1315	John Young	60 00
1316	John Habel	8 00
1317	Pay Roll	93 75
1318	" "	140 60
1319	Henry Trier	129 14
1320	Mrs. J. E. Erickson	4 40
1321	Pittsburg, Fort Wayne & Chicago Railway	97 80
1322	" " " "	63 37
1323	Thomas Baxter	100 00
1324	August Franke	85 00
1325	George Smith	75 00
1326	George Schust	60 00
1327	George Iba	60 00
1328	John T. Young	24 00
1329	Frank Iten	112 50
1330	P. J. McDonald	125 00
1331	Pay Roll	150 50
1332	" "	450 24
1333	" "	212 80
1334	W. W. Rockhill, P. M.	44 32
1335	Thomas Baxter	100 00
1336	August Franke	85 00
1337	George Smith	75 00

No. of Warrant.	TO WHOM ISSUED.	Amount of Warrant.
1338	George Schust	60 00
1339	George Iba	60 00
1340	Frank Iten	112 50
1341	P. J. McDonald	125 00
1342	Mis. Pay Roll	117 55
1343	Pay Roll	159 72
1344	Addyston Pipe and Steel Company	6461 93
1345	A. Hattersley & Sons	2343 82
1346	Beadell & Company	9 55
1347	Pickard Brothers	70
1348	J. Klett & Sons	47 28
1349	A. Hattersley & Sons	96 31
1350	Jos H. Brimmer	3 00
1351	National Meter Company	329 45
1352	Hersey Manufacturing Company	42 25
1353	A. L. Johns & Company	7 00
1354	H. Mueller Manufacturing Company	144 56
1355	Raymond Lead Company	449 06
1356	A. W. Morgan Manufacturing Company	117 16
1357	A. Vogeley	88 00
1358	H. W. Bond	75
1359	J. C. Jahn & Company	48 58
1360	F. J. Zimmerly & Company	1 00
1361	Fort Wayne Iron Works	65
1362	Bass Foundry and Machine Works	79 21
1363	Louis Schwartz	24 95
1364	Lake Shore & Michigan Southern Railway	18 00
1365	Crosby Steam G. & V. Company	2 87
1366	Leonard & Ellis	62 73
1367	Standard Oil Company	19 49
1368	Shaw, Kendall & Company	1 37
1369	Brickmakers' Association	5 60
1370	Charles Rippe	4 00
1371	Holly Manufacturing Company	3 15
1372	Carnahan & Company	3 83
1373	Addyston Pipe and Steel Company	663 45
1374	R. D. Wood & Company	738 67
1375	Bourbon Brass and C. Works	116 30
1376	Mossman, Yarnelle & Company	14 59
1377	Stahn & Heinrich	7 40
1378	Meyer Brothers & Company	8 50
1379	Journal Company	23 02
1380	Fort Wayne Sentinel	5 50
1381	Engineering News	3 00
1382	Fort Wayne Gas Company	1046 80
1383	Pfeiffer & Schlatter	40 75
1384	South Side Hardware Company	60
1385	Charles McCulloch	100 00
1386	C. F. Graffe & Company	19 88
1387	Charles McCulloch	50 00
1388	William Bittler	50 00
1389	W. W. Rockhill, P. M	45 60

No. of Warrant	TO WHOM ISSUED.	Amount of Warrant.
1390	Morton & Air	250 00
1391	" "	150 00
1392	R. D. Wood & Company	100 00
1393	Pay Roll	236 10
1394	Morton & Air	200 00
1395	Lake Shore & Michigan Southern Railway	93 56
1396	Pay Roll	249 83
1397	Morton & Air	450 00
1398	Thomas Baxter	100 00
1399	August Franke	85 00
1400	George Smith	75 00
1401	George Schust	60 00
1402	George Iba	60 00
1403	Frank Iten	112 50
1404	P. J. McDonald	125 00
1405	Henry C. Graftie	50 00
1406	Mis. Pay Roll	16 59
1407	Pay Roll	83 10
	Total	\$73151 52

METERS.

SIZES AND KIND OF METERS.		Number.	Owned by City.	Owned by Consumer
6 inch Crown		1		1
4 " "		2		2
3 " "		2		2
2 " "		7	5	2
1 1/2 " "		10	4	6
1 " "		10	3	7
3/4 " "		46	17	29
2/5 " "		275	17	258
3 " Hersey		1		1
2 " "		4	2	2
1 1/2 " "		1		1
1 " "		8	3	5
3/4 " "		21	3	18
2/5 " "		176	7	169
1 " Thompson		5	1	4
3/4 " "		6		6
2/5 " "		62	3	59
2 " Worthington		1	1	
1 1/2 " "		1	1	
1 " "		1	1	
3/4 " "		1		1
1 " Nash		1		1
3/4 " "		1		1
2/5 " "		1		1
3 " Union		1		1
3/4 " "		1		1
2/5 " "		1	1	
2 " Empire		4	3	1
3/4 " "		4		4
2/5 " "		6		6
		661	72	589
Elevator Counters		43		43
		704	72	632

Service Statistics.

Permits issued during the year 1880-1	229
“ “ “ 1881-2	536
“ “ “ 1882-3	226
“ “ “ 1883-4	147
“ “ “ 1884-5	109
“ “ “ 1885-6	112
“ “ eight months, ending Jan. 1, 1887...	101
“ “ year 1887.....	207
“ “ “ 1888.....	163
“ “ “ 1889.....	310
“ “ “ 1890.....	605
“ “ “ 1891.....	584
“ “ “ 1892	420
“ “ “ 1893.....	594
“ “ “ 1894.....	632
“ “ “ 1895.....	827

Total to date.....5802

Number of Consumers Paying Annual Rates.....	4730
Number of Metered Services	704
Turned off for Non-Payment and other reason.....	304
Extra Taps for Fire Protection and Additional Supply...	30
Public Buildings Supplied Free	18
Permits Cancelled.....	16

5802

Gaskill Triple Expansion Engine, for 1895.

Months. 1895.	For Pumping Cu. Ft.	Daily Average. Cu. Ft.	Coal.	Total Water Pumped. Gal.	Daily Average Gal.
January-----	1,482,300	47,800	62,435	84,191,967	2,715,869
February-----	1,100,600	39,500	56,405	85,984,645	3,070,880
March-----	2,237,800	72,100	4,435	66,849,071	2,156,421
April-----	1,831,900	61,000	-----	82,160,454	2,738,681
May-----	1,844,100	59,400	4,585	103,877,405	3,350,884
June-----	1,806,700	60,200	5,620	98,684,762	3,289,492
July-----	1,910,800	61,600	-----	93,927,279	3,029,912
August-----	2,050,800	66,100	-----	84,045,739	2,714,378
September-----	1,799,500	59,600	-----	83,005,525	2,766,850
October-----	1,829,000	59,000	-----	81,692,872	2,635,253
November-----	1,785,000	59,500	-----	77,803,794	2,593,459
December-----	1,881,000	60,600	-----	83,090,661	2,680,343
Air Compression-----	124,300	-----	-----	-----	-----
Total-----	21 683,800	-----	133,480	1,025,314,134	-----

Ross Street Pumping Station.

July-----	345,300	-----	-----	6,809,363	-----
August-----	613,300	-----	-----	8,230,938	-----
September-----	655,600	-----	-----	2,180,771	-----
October-----	259,800	-----	-----	1,357,027	-----
Total-----	1,874,000	-----	-----	18,578,099	-----

Summary of Extensions Made Prior to 1890.

NAME.	Pipes.	Specials.	Pipe Laying.	Valves.	Hydra'ts	Total.
Rockhill and Main Streets	\$ 569 79	\$ 28 93	\$ 112 12	\$ 54 00	-----	\$ 764 84
Bridge Crossing	300 71	63 18	239 20	-----	-----	653 09
Nebraska	1,514 74	44 92	310 64	38 00	\$ 204 00	2,111 70
East Superior street	473 25	23 30	113 92	27 00	51 00	688 48
West Superior street	567 49	21 22	123 76	-----	153 00	865 47
Berry and Monroe streets	419 83	9 30	115 84	38 00	-----	582 97
Montgomery street	697 88	7 41	192 50	38 00	-----	955 79
Samuel street	851 35	24 04	187 64	27 00	153 00	1,243 03
DeWald and Webster sts.	1,250 07	32 42	285 56	46 00	102 00	1,716 05
12-inch auxiliary main	1,201 95	41 25	197 86	120 00	-----	1,561 06
Pearl street	518 17	11 26	157 45	25 50	-----	775 39
12-inch auxiliary main	595 40	33 80	98 15	25 50	-----	752 88
West Main street	343 27	3 86	105 30	-----	45 00	497 43
Glasgow avenue	266 38	-----	81 69	-----	-----	348 07
12-inch auxiliary main	1,829 29	15 28	416 57	69 60	-----	2,080 74
Murray street	620 00	33 51	215 23	59 60	-----	938 34
Force street	985 33	37 57	422 78	42 45	214 60	1,702 73
Brackenridge, Lavina sts and Fairfield avenue	441 08	25 93	135 30	42 93	-----	645 24
Lewis street	235 03	6 56	108 07	21 17	43 00	413 83
Calhoun street	305 49	15 70	118 09	28 18	43 00	510 46
Wilt street	419 15	11 57	149 28	13 76	43 00	636 76
Berry street	100 02	4 78	29 69	21 17	-----	155 66
Nelson street	179 48	13 13	53 24	21 17	-----	267 02
Thomas street	454 08	21 61	182 81	21 17	86 00	765 67
West Main street from Osage street to F.Eckart's Packing house	440 55	-----	242 90	18 35	-----	701 80
Wells street	848 48	15 45	301 06	45 40	131 00	1,341 39
Creighton avenue	275 90	12 24	114 09	17 75	61 60	481 58
John street	493 74	12 29	130 20	21 44	36 00	693 67
Crossing river	503 20	24 10	397 14	-----	-----	924 44
Columbia street	582 50	77 54	131 55	41 50	123 20	956 29
Calhoun street	4,479 57	359 68	1,300 06	335 50	616 00	9,090 81
Grant street	183 60	6 10	82 10	22 35	-----	293 55
Charles Street	724 68	37 64	557 10	44 70	110 00	1,464 12
Williams street	722 52	39 66	322 78	44 70	100 00	1,229 66
Lewis street	1,506 73	65 97	898 31	90 70	150 00	2,711 41
DeWald street	401 76	4 90	172 81	44 70	50 00	674 17
Hanna street	230 18	5 35	102 20	22 35	50 00	410 48
Ohio street	204 12	4 90	92 91	22 35	50 00	374 28
	\$ 26,569 57	\$ 1,196 05	\$ 9,047 30	\$ 1,541 99	\$ 2,603 40	\$40,360 31
Miscellaneous expenditures	-----	-----	-----	-----	-----	156 48
Total	-----	-----	-----	-----	-----	\$41,116 79

Water Pipe Laid in 1890.

- 338 feet of 6-inch pipe on Cass from First to Railroad Crossing.
- 290 feet of 6-inch pipe on Broadway from DeWald to Creighton avenue.
- 1044 feet of 6-inch pipe on Harrison from Grand to Dawson street.
- 1321 feet of 6-inch pipe on DeWald from Calhoun to Lafayette street.
- 2192 feet of 8-inch pipe on Calhoun from DeWald to Leith street.
- 391 feet of 6-inch pipe on Calhoun from Leith to Killea street.
- 319 feet of 6-inch pipe on Fairfield avenue from DeWald to Creighton avenue.
- 1310 feet of 6-inch pipe on Buchanan from Lafayette to Hanna street.
- 1155 feet of 6-inch pipe on Creighton avenue from Gay to Thomas street.
- 373 feet of 6-inch pipe on Thomas from Buchanan to Horace street.
- 467 feet of 6-inch pipe on Horace from Thomas to Holton avenue.
- 533 feet of 4-inch pipe on Hanna from Lewis to Madison street.
- 351 feet of 6-inch pipe on Wallace from Gay to Smith street.
- 730 feet of 6-inch pipe on Grant from Smith to Thomas street.
- 369 feet of 6-inch pipe on Thomas from Grant to Horace street.
- 1860 feet of 6-inch pipe on Smith from Wallace to Creighton avenue.
- 1517 feet of 6-inch pipe on Oliver from Creighton ave. to Grant street.
- 1200 feet of 6-inch pipe on John from Horace to Creighton avenue.
- 751 feet of 4-inch pipe on Clinton from DeWald to Williams street.
- 913 feet of 6-inch pipe on Butler from Clinton to Lafayette street.
- 391 feet of 4-inch pipe on Suttentfield from Calhoun to Clinton street.
- 1286 feet of 8-inch pipe on Leith from Calhoun to Lafayette street.
- 1662 feet of 12-inch pipe on East Lewis from Ohio to Walton avenue.
- 381 feet of 6-inch pipe for hydrant branches in connection with the above extensions.
- 1108 feet of 6-inch pipe on Superior from Griffith to Van Buren street.
- 722 feet of 6-inch pipe on Van Buren from Superior to Main street.
- 49 feet of 6-inch pipe on Jackson from Pritchard to hydrant.
- 202 feet of 4-inch pipe from Jefferson north on Jackson.
- 148 feet of 4-inch pipe from Wilt north on Jackson.
- 400 feet of 4-inch pipe on Jackson to Chicago street.
- 720 feet of 4-inch pipe on Hough from Hanna to Clay street.
- 404 feet of 4-inch pipe on Montgomery from Lafayette to Barr street.

Location of Valves Set in 1890.

- 1 8-inch valve on southeast corner of Calhoun and Creighton avenue.
- 1 8-inch valve on northeast corner of Calhoun and Allen.
- 1 6-inch valve on southeast corner of Calhoun and Leith.
- 1 8-inch valve on southeast corner of Leith and Calhoun.
- 1 4-inch valve on southeast corner of Suttentfield and Calhoun.
- 1 6-inch valve on northeast corner of DeWald and Calhoun.
- 1 6-inch valve on northwest corner of DeWald and Lafayette.
- 1 4-inch valve on northwest corner of Clinton and DeWald.
- 1 4-inch valve on southwest corner of Clinton and Williams.
- 1 6-inch valve on northwest corner of Butler and Lafayette.
- 1 6-inch valve on southwest corner of Fairfield and DeWald.
- 1 6-inch valve on southeast corner of Broadway and DeWald.
- 1 6-inch valve on northwest corner of Harrison and Dawson.
- 1 6-inch valve on southwest corner of Harrison and Grand.
- 1 6-inch valve on northwest corner of Buchanan and Hanna.
- 1 6-inch valve on northwest corner of John and Creighton avenue.
- 1 6-inch valve on northwest corner of Smith and Creighton avenue.
- 1 6-inch valve on southwest corner of Smith and Buchanan.
- 1 6-inch valve on northwest corner of Smith and Buchanan.
- 1 6-inch valve on northwest corner of Oliver and Creighton avenue.
- 1 6-inch valve on southwest corner of Oliver and Buchanan.
- 1 6-inch valve on northwest corner of Oliver and Buchanan.
- 1 6-inch valve on southwest corner of Oliver and Grant.
- 1 6-inch valve on southeast corner of Horace and Thomas.
- 1 6-inch valve on northeast corner of Grant and Smith.
- 1 6-inch valve on southeast corner of Wallace and Gay.
- 1 6-inch valve on northwest corner of Thomas and Buchanan.
- 1 6-inch valve on southeast corner of Cass and First.
- 1 12-inch valve on northwest corner of Lewis and McCulloch.
- 1 12-inch valve on northwest corner of Lewis and Holton avenue.
- 1 6-inch valve on southwest corner of Superior and Griffith.
- 1 6-inch valve on southeast corner of Superior and VanBuren.
- 1 6-inch valve on southeast corner of Pritchard and Jackson.

- 1 4-inch valve on northwest corner of Jefferson and Jackson.
- 1 4-inch valve on northwest corner of Wilt and Jackson.
- 1 4-inch valve on northwest corner of Hanna and Hough.
- 1 4 inch valve on southwest corner of Lafayette and Montgomery.

Location of Hydrants Set in 1890.

- 1 Matthews' hydrant, on southeast corner of Superior and Fulton.
- 1 " " on Superior, between Fulton and Van Buren.
- 1 " " on southeast corner of Superior and Van Buren.
- 1 " " on southeast corner of Pritchard and Jackson.
- 1 " " on northeast corner of Cass and Railroad Crossing.
- 1 " " on the northeast corner of Broadway and Creighton avenue.
- 1 " " on the southwest corner of Harrison and Melita.
- 1 " " on the southwest corner of Harrison and Highland.
- 1 " " on the northeast corner of DeWald and Clinton.
- 1 " " on the northeast corner of DeWald and Barr.
- 1 " " on the southeast corner of Calhoun and Creighton avenue.
- 1 " " on the southeast corner of Calhoun and Taber.
- 1 " " on the southeast corner of Calhoun and Suttentfield.
- 1 " " on the southeast corner of Calhoun and Allen.
- 1 " " on the southeast corner of Calhoun and Leith.
- 1 " " on the northeast corner of Calhoun and Killea.
- 1 " " on the northwest corner of Fairfield avenue and Creighton avenue.
- 1 " " on the northwest corner of Buchanan and Warsaw.
- 1 " " on the northwest corner of Buchanan and Hanna.
- 1 " " on the northwest corner of Creighton avenue and Smith.
- 1 " " on the northwest corner of Creighton avenue and Oliver.
- 1 " " on the southwest corner of Thomas and Horace.
- 1 " " on the southwest corner of Thomas and Grant.
- 1 " " on the southwest corner of Horace and Holton ave.

1	Matthews' hydrant,	on the southwest corner of Wallace and Smith.
1	"	" on the northwest corner of Grant and Oliver.
1	"	" on the northwest corner of Smith and Grant.
1	"	" on the northwest corner of Smith and Horace.
1	"	" on the southwest corner of Oliver and Horace.
1	"	" on the northwest corner of Oliver and Green.
1	"	" on the southeast corner of John and Buchanan.
1	"	" on John, between Buchanan and Creighton avenue.
1	"	" on the northwest corner of John and Creighton ave.
1	"	" on the northeast corner of Butler and Clinton.
1	"	" on the northeast corner of Butler and Barr.
1	"	" on the southeast corner of Leith and Jane.
1	"	" on the southwest corner of Leith and Lafayette.
1	"	" on the northeast corner of Lewis and Cedar.
1	"	" on the southeast corner of Lewis and McCulloch.
1	"	" on Lewis, between McCulloch and Lillie.
1	"	" on the northeast corner of Lewis and Lillie.
1	"	" on the northwest corner of Lewis and Holton ave.
1	"	" on the southeast corner of Jackson and Pritchard.
1	"	" on the southeast corner of Superior and Fulton.
1	"	" on Superior, between Fulton and Van Buren.
1	"	" on the southeast corner of Superior and Van Buren.

Water Pipe Laid in 1891.

920 feet of 8-inch pipe on Huffman from St. Mary's avenue to Sherman street.

458 feet of 6-inch pipe on Sherman from Huffman to Putnam street.

2167 feet of 6-inch pipe on Putnam from Sherman to Wells street.

973 feet of 6-inch pipe on Walnut from Fairfield avenue to Fox street.

745 feet of 6-inch pipe on Barr from Lewis to Holman street.

269 feet of 8-inch pipe on Walton avenue from Lewis street to Maumee avenue.

600 feet of 8 inch pipe on Maumee avenue from Walton west.

872 feet of 6-inch pipe on Maumee avenue from Schick street east.

- 569 feet of 4-inch pipe on Harmer from Lewis to Madison street.
- 1315 feet of 6-inch pipe on East Creighton avenue, from Lafayette to Hanna street.
- 312 feet of 8-inch pipe on Fairfield avenue from Lavina to Hendricks street.
- 863 feet of 6-inch pipe on Hendricks from Fairfield avenue to Broadway.
- 700 feet of 6-inch pipe on Cass from Fourth to Sixth street.
- 305 feet of 6-inch pipe on Sixth from Cass to Harrison street.
- 700 feet of 6 inch pipe on Harrison from Sixth to Fourth street.
- 347 feet of 12-inch pipe on Harrison from Fourth to Third street.
- 2551 feet of 12-inch pipe on Third from Harrison to Sherman street.
- 375 feet of 6-inch pipe on Cherry from Main to Boone street.
- 1810 feet of 6-inch pipe on Boone from Cherry to Watkins.
- 370 feet of 6-inch pipe on Watkins from Boone to Main street.
- 1412 feet of 8-inch pipe on Wall from Broadway to Metz street.
- 1140 feet of 6-inch pipe on Nirdlinger avenue from Broadway to Metz street.
- 780 feet of 4-inch pipe on Stophlet from Broadway to Metz street.
- 680 feet of 6-inch pipe on Taylor from Broadway to Metz street.
- 1120 feet of 6-inch pipe on Metz from Wall to Taylor street.
- 3940 feet of 6-inch pipe on West Creighton avenue from Calhoun to Broadway.
- 375 feet of 4-inch pipe on East Creighton avenue from Calhoun to Clinton street.
- 375 feet of 4 inch pipe on Tabor from Calhoun to Clinton street.
- 1160 feet of 6-inch pipe on Harrison from Creighton avenue to Allen street.
- 380 feet of 6-inch pipe on Allen from Harrison to Calhoun street.
- 425 feet of 6-inch pipe on Harrison from Dawson to Williams street.
- 360 feet of 4-inch pipe on Melita from Harrison to Webster street.
- 1000 feet of 6-inch pipe on Hanna from Tabor to Pontiac street.
- 1410 feet of 6-inch pipe on Force from East Creighton avenue to Pontiac street.
- 1410 feet of 6-inch pipe on John from East Creighton avenue to Pontiac street.

- 1410 feet of 6-inch pipe on Gay from East Creighton avenue to Pontiac street.
- 1425 feet of 6 inch pipe on Smith from East Creighton avenue to Pontiac street.
- 820 feet of 6-inch pipe on East Creighton avenue from Holton to Winter street.
- 665 feet of 8-inch pipe on East Creighton avenue from Winter to Walton avenue.
- 720 feet of 6-inch pipe on Francis from Lewis to Eliza street.
- 760 feet of 4-inch pipe on Hugh from Francis to Gay street.
- 2590 feet of 6-inch pipe on Eliza from Francis to McCulloch street.
- 375 feet of 6-inch pipe on McCulloch from Eliza to Hayden street.
- 710 feet of 6-inch pipe on Hayden from McCulloch to Lillie street.
- 1110 feet of 6-inch pipe on Lillie from Hayden to Lewis street.
- 380 feet of 6-inch pipe on Division from Madison to Jefferson street.
- 810 feet of 4-inch pipe on Oak from Division to Ohio.
- 360 feet of 4-inch pipe on Harmer from Eliza to Hugh street.
- 380 feet of 6-inch pipe on Francis from Wayne to Erie street.
- 446 feet of 6-inch pipe on High from Barthold street west.
- 2530 feet of 6-inch pipe on Erie from Francis to Hanover street.
- 380 feet of 6-inch pipe on Hanover from Erie to Wayne street.
- 2700 feet of 6-inch pipe on Wayne from Schick street to Glasgow avenue.
- 850 feet of 12-inch pipe on Third from Sherman street to St. Mary's avenue.
- 1290 feet of 12-inch pipe on St. Mary's avenue from Third to Huffman street.
- 30 feet of 8-inch pipe on Huffman street from street Hydrant west.
- 2150 feet of 8-inch pipe on Huffman from Sherman to Wells street.
- 280 feet of 12-inch pipe on Fourth from Harrison to Calhoun street.
- 280 feet of 8-inch pipe taken up and replaced with 12-inch pipe on Fourth from Harrison to Calhoun street.

Location of Valves Set in 1891.

- 1 6-inch valve on northeast corner of Francis and Wayne.
- 1 6-inch valve on southeast corner of Erie and Francis.
- 1 6-inch valve on southwest corner of Erie and Coombs.
- 1 6-inch valve on southeast corner of Erie and Coombs.
- 1 6-inch valve on southeast corner of Erie and Hanover.
- 1 6-inch valve on northwest corner of Hanover and Wayne.
- 1 6-inch valve on southeast corner of Wayne and Schick.
- 1 6-inch valve on southwest corner of Wayne street and Walton avenue.
- 1 6 inch valve on southeast corner of Wayne street and Walton avenue.
- 1 6-inch valve on southwest corner of Wayne street and Glasgow avenue.
- 1 4-inch valve on southeast corner of Oak and Division.
- 1 4-inch valve on southwest corner of Oak and Ohio.
- 1 6-inch valve on southwest corner of Francis and Lewis.
- 1 6-inch valve on northeast corner of Eliza and Francis.
- 1 6-inch valve on northwest corner of Eliza and Chute.
- 1 6-inch valve on northeast corner of Eliza and Chute.
- 1 6-inch valve on northwest corner of Eliza and McCulloch.
- 1 6-inch valve on northeast corner of McCulloch and Hayden.
- 1 6-inch valve on northeast corner of Hayden and McCulloch.
- 1 6-inch valve on northwest corner of Hayden and Lillie.
- 1 6-inch valve on northwest corner of Lillie and Hayden.
- 1 6-inch valve on southwest corner of Lillie and Lewis.
- 1 4-inch valve on northeast corner of Harmer and Eliza.
- 1 4-inch valve on northeast corner of Hugh and Francis.
- 1 6-inch valve on northwest corner of Hanna and Pontiac.
- 1 6-inch valve on southwest corner of Force street and Creighton avenue
- 1 6-inch valve on northwest corner of Force and Pontiac.
- 1 6-inch valve on southwest corner of John street and Creighton avenue.
- 1 6-inch valve on northwest corner of John and Pontiac.
- 1 6-inch valve on southwest corner of Gay street and Creighton avenue.
- 1 6-inch valve on northwest corner of Gay and Pontiac.
- 1 6-inch valve on southwest corner of Smith street and Creighton avenue.
- 1 6-inch valve on northwest corner of Smith and Pontiac.
- 1 6-inch valve on southeast corner of Creighton and Holton avenue.

- 1 8-inch valve on southeast corner of Creighton avenue and Winter.
- 1 8-inch valve on southwest corner of Creighton avenue and Winter.
- 1 4-inch valve on southeast corner of Creighton avenue and Calhoun.
- 1 4-inch valve on southeast corner of Tabor and Calhoun.
- 1 6-inch valve on northwest corner of Creighton avenue and Calhoun.
- 1 6-inch valve on northeast corner of Creighton and Fairfield avenue.
- 1 6-inch valve on northwest corner of Creighton and Fairfield avenue.
- 1 6-inch valve on northeast corner of Creighton avenue and Broadway.
- 1 6-inch valve on northeast corner of Creighton avenue and Broadway.
- 1 6-inch valve on southeast corner of Harrison street and Creighton avenue.
- 1 6-inch valve on northeast corner of Harrison and Allen.
- 1 6-inch valve on southwest corner of Allen and Calhoun.
- 1 6-inch valve on northwest corner of Harrison and Williams.
- 1 4 inch valve on southeast corner of Melita and Webster.
- 1 6-inch valve on southwest corner of Taylor street and Fairfield avenue.
- 1 6-inch valve on southeast corner of Fox and Taylor.
- 1 8-inch valve on southwest corner of Wall and Broadway.
- 1 8-inch valve on southeast corner of Wall and Metz.
- 1 6-inch valve on northwest corner of Metz and Taylor.
- 1 6-inch valve on southeast corner of Taylor and Metz.
- 1 6-inch valve on northwest corner of Taylor and Broadway.
- 1 4-inch valve on southwest corner of Stophlet and Broadway.
- 1 4-inch valve on southeast corner of Stophlet and Metz.
- 1 6-inch valve on southwest corner of Nirdlinger avenue and Broadway.
- 1 6-inch valve on southeast corner of Nirdlinger avenue and Metz street.
- 1 6-inch valve on Broadway, between Nirdlinger avenue and Wall street.
- 1 6-inch valve on northeast corner of Cherry and Main.
- 1 6-inch valve on southeast corner of Boone and Osage.
- 1 6-inch valve on southwest corner of Boone and Osage.
- 1 6-inch valve on northeast corner of Watkins and Main.
- 1 6-inch valve on northwest corner High and Barthold.
- 1 12-inch valve on northeast corner of Third street and St. Mary's avenue.
- 1 12-inch valve on northeast corner of St. Mary's avenue and Third street.
- 1 12-inch valve on southeast corner of St. Mary's avenue and Huffman street.
- 1 8-inch valve on northeast corner of Huffman and Sherman.

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- 1 8-inch valve on northwest corner of Huffman and Hensch.
 - 1 8-inch valve on northwest corner of Huffman and Wells.
 - 1 6-inch valve on northeast corner of Cass and Fourth.
 - 1 6-inch valve on northeast corner of Harrison and Fourth.
 - 1 12-inch valve on southeast corner of Harrison and Fourth.
 - 1 12-inch valve on northeast corner of Third and Wells.
 - 1 12-inch valve on northwest corner of Third and Wells.
 - 1 12-inch valve on northeast corner of Third and Barthold.
 - 1 8-inch valve on northwest corner of Huffman and Sherman.
 - 1 6-inch valve on northwest corner of Sherman and Huffman.
 - 1 6-inch valve on southeast corner of Putnam and Sherman.
 - 1 6-inch valve on southwest corner of Putnam and Wells.
 - 1 6-inch valve on northwest corner of Walnut street and Fairfield avenue.
 - 1 6-inch valve on southeast corner of Barr and Lewis.
 - 1 6-inch valve on northeast corner of Barr and Holman.
 - 1 8-inch valve on southwest corner of Maumee and Walton avenue.
 - 1 6-inch valve on northeast corner of Maumee avenue and Schick street.
 - 1 4-inch valve on southeast corner of Harmer and Madison.
 - 1 4-inch valve on northeast corner of Harmer and Lewis.
 - 1 6-inch valve on southeast corner of East Creighton avenue and Lafayette street.
 - 1 6-inch valve on southwest corner of East Creighton and Hanna.
 - 1 6-inch valve on northwest corner of Hendricks and Fairfield avenue.
 - 1 6-inch valve on northeast corner of Hendricks and Short.
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91 Valves set in 1891.

Location of Hydrants Set in 1891.

- 1 Bourbon hydrant, on southeast corner of Boone and Osage.
- 1 " " on northeast corner of Huffman and Koch.
- 1 " " on northeast corner of Huffman and Short.
- 1 " " on northeast corner of Huffman and Hensch.
- 1 " " on southeast corner of Huffman and Meridian.

1	Bourbon hydrant, on northeast corner of Huffman and Andrews.
1	" " on northeast corner of St. Mary's and Spring.
1	" " on northeast corner of St. Mary's and Aboite.
1	" " on northeast corner of St. Mary's and Third.
1	" " on southeast corner of Third and Oakland.
1	" " on northeast corner of High and Wefel.
1	" " on southwest corner of Erie and Harmer.
1	" " on southwest corner of Erie and Begue.
1	" " on southwest corner of Erie and Coombs.
1	" " on southwest corner of Erie and Canal.
1	" " on southwest corner of Erie and Hanover.
1	" " on southeast corner of Hanover and Wayne.
1	" " on Wayne between Hanover and Walton.
1	" " on southwest corner of Wayne and Walton.
1	" " on southwest corner of Wayne and Grant.
1	" " on southwest corner of Wayne and Glasgow.
1	" " on southwest corner of Oak and Chute.
1	" " in front of Hugh on Francis.
1	" " on northwest corner of Hugh and Harmer.
1	" " on northeast corner of Eliza and Francis.
1	" " on northeast corner of Eliza and Harmer.
1	" " on northeast corner of Eliza and Division.
1	" " on northeast corner of Eliza and Chute.
1	" " on northeast corner of Eliza and Ohio.
1	" " on northeast corner of Eliza and Cedar.
1	" " on northwest corner of Eliza and McCulloch.
1	" " on northeast corner of Hayden and McCulloch.
1	" " on northwest corner of Hayden and Lillie.
1	" " on Lillie between Hayden and Lewis.
1	" " on northwest corner Hanna and Suttentfield.
1	" " on northwest corner Hanna and Pontiac.
1	" " on Force, opposite Tabor, west side.
1	" " on Force, opposite Suttentfield, west side.
1	" " on northwest corner of Force and Pontiac.
1	" " on John, opposite Tabor, west side.
1	" " on John, opposite Suttentfield, west side.
1	" " on northwest corner of John and Pontiac.

- 1 Bourbon hydrant, on northwest corner of Gay and Thomasette.
- 1 " " on north west corner of Gay and Emilie.
- 1 " " on northwest corner of Gay and Pontiac.
- 1 " " on northwest corner of Smith and Thomasette.
- 1 " " on northwest corner of Smith and Emilie.
- 1 " " on northwest corner of Smith and Pontiac.
- 1 " " on southwest corner of Creighton and Reed.
- 1 " " on southwest corner of Creighton and Winter.
- 1 " " on southwest corner of Creighton and Lillie.
- 1 " " on southwest corner of Creighton and Walton.
- 1 " " on northwest corner of Creighton and Webster.
- 1 " " on Hoagland avenue and Creighton avenue.
- 1 " " on Creighton avenue opposit, Oakley.
- 1 " " on northwest corner of West Creighton and Fox.
- 1 " " on northwest corner of West Creighton and Miner.
- 1 " " on northeast corner of Harrison and Tabor.
- 1 " " on northeast corner of Harrison and Suttentfield.
- 1 " " on northeast corner of Harrison and Allen.
- 1 " " on southeast corner of Taylor and Oakley.
- 1 " " on southeast corner of Taylor and Fox.
- 1 " " on Taylor, between Broadway and Metz.
- 1 " " on southeast corner of Taylor and Metz.
- 1 " " on southeast corner of Stophlet and Metz.
- 1 " " on southeast corner of Nirdlinger and Metz.
- 1 " " on southeast corner of Nirdlinger and College.
- 1 " " on Nirdlinger ave. between College and Broadway.
- 1 " " on southeast corner of Wall and Metz.
- 1 " " on southeast corner of Wall and College.
- 1 " " on Wall between Broadway and College.
- 1 " " on southeast corner of Boone and Centre.
- 1 " " on southeast corner of Boone and Mechanic.

Location of Fire Hydrants.

SET BY DERHEIMER.

1	Matthews' hydrant,	on northeast corner of Cass and Fifth.
1	"	" on southeast corner of Cass and Sixth.
1	"	" on southeast corner of Harrison and Sixth.
1	"	" on northeast corner of Harrison and Third.
1	"	" on northeast corner of Third and Cass.
1	"	" on Third and Marion.
1	"	" on northwest corner of Third and Orchard.
1	"	" between Orchard and Barthold.
1	"	" on northwest corner of Third and Barthold.
1	"	" on northeast corner of Third and Sherman.
1	"	" on northeast corner of Hoffman and St. Mary's.
1	"	" on northwest corner of Hoffman and Sherman.
1	"	" on southeast corner of Putnam and Sherman.
1	"	" on southeast corner of Putnam and Meridian.
1	"	" on southeast corner of Putnam and Hensch.
1	"	" on southeast corner of Putnam and Short.
1	"	" on southwest corner of Putnam and Koch.
1	"	" on northwest corner of Walnut and Fairfield ave.
1	"	" on northwest corner of Walnut and Oakley.
1	"	" on southeast corner of Walnut and Fox.
1	"	" on southeast corner of Barr and Lewis.
1	"	" on northeast corner of Barr and Montgomery.
1	"	" on southeast corner of Maumee and McCulloch.
1	"	" on Maumee, between McCulloch and Lillie.
1	"	" on southeast corner of Maumee and Lillie.
1	"	" on southwest corner of Maumee and Walton.
1	"	" on southeast corner of East Creighton and Lafayette street.
1	"	" on East Creighton, between Lafayette and Warsaw.
1	"	" on southeast corner of East Creighton and Warsaw.
1	"	" on northwest corner of Hendricks and Fairfield.

- 1 Matthews' hydrant, on northeast corner of Hendricks and Short.
 - 1 " " on southeast corner of Boone and Fry.
 - 1 " " on southeast corner of Boone and Watkins.
 - 1 " " on Main in front of Watkins.
-

Water Pipe Laid in 1892.

- 983 feet of 12-inch pipe on Lewis from Clinton to Lafayette street.
 - 286 feet of 4-inch pipe on Harrison from Jefferson to Lewis street.
 - 750 feet of 8-inch pipe on Clinton from Creighton avenue to Sutenfield street.
 - 324 feet of 6-inch pipe on Boone from Watkins to Cleveland avenue.
 - 1150 feet of 4-inch pipe laid at reservoir for drainage and sprinkling purposes.
-

Valves Set in 1892.

- 1 12-inch valve on southeast corner of Clinton and Lewis street.
- 1 12-inch valve on Lewis and Lafayette street.
- 1 4-inch valve on southwest corner of Harrison and Jefferson street.
- 1 4-inch valve on north-west corner of Harrison and Lewis street.
- 1 4-inch valve on southwest corner of Creighton avenue and Clinton street.
- 1 4-inch valve on southwest corner of Tabor and Clinton street.
- 1 4-inch valve on southwest corner of Sutenfield and Clinton.
- 1 6-inch valve on southwest corner of Boone and Watkins.
- 1 4-inch valve on west side of reservoir.
- 1 4-inch valve on same side.

Valves Taken Up in 1892.

- 1 8-inch valve taken up on corner of Lewis and Clinton.
1 6-inch valve taken up on corner of Lewis and Lafayette.
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Hydrants Set in 1892.

- 1 Bourbon hydrant on southwest corner of Clinton and Creighton ave.
1 “ “ on northwest corner of Clinton and Suttentfield.
1 “ “ on corner Cleveland and Park avenues.
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Water Pipe Laid in 1893.

- 368 feet of 6-inch pipe on Mechanic from Main to Elm street.
756 feet of 4-inch pipe on Elm from Mechanic to Cherry street.
367 feet of 6-inch pipe on Cherry from Main to Elm street.
258 feet of 6-inch pipe on Nelson from Wilt to Jones street.
478 feet of 4-inch pipe on Jones from Nelson to alley east of College street.
804 feet of 6-inch pipe on College from Wilt to Wall street.
215 feet of 4-inch pipe on Jackson from alley to Jefferson street.
160 feet of 4-inch pipe on Jackson from alley to Washington street.
350 feet of 6-inch pipe on Walnut from Fox west to hydrant.
678 feet of 6-inch pipe on Oakley from Walnut to DeWald street.
1080 feet of 4-inch pipe on Poplar from Hoagland avenue to Oakley street.
115 feet of 6-inch pipe on Hoagland avenue from Butler to Duryea street.
421 feet of 6-inch pipe on Webster from Creighton ave. to Tabor street.
1280 feet of 6-inch pipe on Pontiac from Lafayette to Calhoun street.
1320 feet of 6-inch pipe on Tabor from Lafayette to Hanna street.
1323 feet of 4-inch pipe on St. Martin's from Lafayette to Hanna street.
767 feet of 6-inch pipe on Holton ave. from Creighton to Buchanan street.
826 feet of 6-inch pipe on Buchanan from Thomas to Reed street.

- 2585 feet of 6-inch pipe on Hayden from McCulloch to Francis street.
 366 feet of 6-inch pipe on Francis from Lewis to Hayden street.
 850 feet of 6-inch pipe on Summit from Ohio to McCulloch street.
 357 feet of 6-inch pipe on McCulloch from Summit to Lewis street.
 692 feet of 6-inch pipe on Grant avenue, from Berghoff's brewery to Randall street.
 392 feet of 6-inch pipe on Huffman from St. Mary's ave. to Franklin street.
 353 feet of 6-inch pipe on Fulton from Superior to Greeley street.
 740 feet of 4-inch pipe on Greeley from Fulton to Van Buren street.
 378 feet of 6-inch pipe on Canal from Erie to Liberty street.
 456 feet of 3-inch pipe on Monroe from Madison to Lewis street.
 385 feet of 6-inch pipe on Calhoun from Columbia to Superior street.
 382 feet of 8-inch pipe on Harrison from Columbia to Superior street.

Location of Hydrants Set in 1893.

- 1 6-inch Bourbon hydrant, on Tabor between Warsaw and Hanna.
 1 " " " on northeast corner of St. Martin and Warsaw.
 1 " " " on southeast corner of Pontiac and Clinton.
 1 " " " on southeast corner of Pontiac and Barr.
 1 " " " on southwest corner of Pontiac and Lafayette.
 1 " " " on northeast corner of Tabor and Lafayette.
 1 " " " on Duryea, between Hoagland and Fairfield avenues.
 1 " " " on northeast corner of Webster and Tabor.
 1 " Ludlow " on west end of Walnut street
 1 " Bourbon " on northwest corner of Oakley and Poplar.
 1 " " " on southwest corner of College and Jones.
 1 " " " on northwest corner of Reed and Green.
 1 " " " on northwest corner of Canal and Liberty.
 1 6-inch Bourbon hydrant, on southeast corner of Michigan and Metz.
 1 " " " on northeast corner of Hoffman and Franklin.
 1 " " " on northwest corner of Fulton and Greeley.
 1 " " " on Greeley between Fulton and Van Buren.
 1 " " " on northwest corner of Summit and Cedar.
 1 " " " on northwest corner of Summit and McCulloch.

1	6-inch	Bourbon	hydrant,	on northwest corner of Grant Ave and Randall.
1	"	"	"	on southeast Cor.of Grant Ave. and Humphrey.
1	"	"	"	on southeast corner of Elm and Center.
1	"	"	"	on northeast corner of Cherry and Elm.
1	"	"	"	on northeast corner of Hayden and Chute.
1	"	"	"	on northeast corner of Hayden and Division.
1	"	"	"	on northeast corner of Hayden and Harmer.
1	"	"	"	on northeast corner of Hayden and Francis.
1	"	"	"	on southwest corner of Buchanan and Holton.
1	"	"	"	on southeast corner of Buchanan and Reed.
1	"	"	"	on Hayden between McCulloch and Ohio.
1	"	"	"	on northeast corner of Hayden and Ohio.
1	"	"	"	on Tabor between Lafayette and Warsaw.
1	"	"	"	on northeast corner of Tabor and Warsaw.
1	"	"	"	on northeast corner of Mechanic and Elm.

335 feet of 6-inch pipe for hydrant connections.

Location of Valves Set in 1893.

1	6-inch	valve	on southeast corner of Mechanic and Main street.
1	4-inch	valve	on southeast corner of Elm and Mechanic street.
1	4-inch	valve	on southwest corner of Elm and Cherry street.
1	6-inch	valve	on southwest corner of Cherry and Main street.
1	6-inch	valve	on southeast corner of Nelson and Wilt street.
1	4-inch	valve	on northwest corner of Jones and College street.
1	4-inch	valve	on northeast corner of Jones and College street.
1	6-inch	valve	on southeast corner of College and Wilt street.
1	6-inch	valve	on northeast corner of College and Wall street.
1	4-inch	valve	on southwest corner of Jackson and Jefferson street.
1	4-inch	valve	on southwest corner of Jackson and Washington street.
1	6-inch	valve	on southwest corner of Oakley and Walnut street.
1	6-inch	valve	on northwest corner of Oakley and DeWald street.
1	4-inch	valve	on northeast corner of Poplar and Oakley street.
1	6-inch	valve	on southeast corner of Webster and Creighton avenue.

- 1 6-inch valve on southwest corner of Hoagland avenue and Butler street.
- 1 4-inch valve on northwest corner of Duryea and Hoagland avenue.
- 1 4-inch valve on northeast corner of Poplar and Fairfield avenue.
- 1 4-inch valve on northwest corner of Poplar and Fairfield avenue.
- 1 6-inch valve on northeast corner of Tabor and Lafayette street.
- 1 6-inch valve on southeast corner of Pontiac and Calhoun street.
- 1 4-inch valve on northeast corner of St. Martin and Lafayette street.
- 1 4-inch valve on northwest corner of St. Martin and Hanna street.
- 1 6-inch valve on northwest corner of Tabor and Hanna street.
- 1 6-inch valve on northwest corner of Hayden and McCulloch street.
- 1 6-inch valve on northwest corner of Holton and East Creighton avenues.
- 1 6-inch valve on southeast corner of Buchanan and Thomas street.
- 1 6-inch valve on northeast corner of Hayden and Francis street.
- 1 6-inch valve on northwest corner of Hayden and Chute street.
- 1 6-inch valve on northeast corner of Hayden and Chute street.
- 1 6-inch valve on southwest corner of Summit and McCulloch street.
- 1 6-inch valve on southeast corner of Summit and Ohio street.
- 1 4-inch valve on northeast corner of Greeley and Van Buren street.
- 1 4-inch valve on southwest corner of Greeley and Fulton street.
- 1 6-inch valve on southwest corner of Fulton and Superior street.
- 1 6-inch valve on northwest corner of Huffman and St. Mary's avenue.
- 1 6-inch valve on southwest corner of Michigan avenue and Broadway.
- 1 8-inch valve on northeast corner of Harrison and Columbia street.
- 1 6-inch valve on southwest corner of Columbia and Calhoun street.
- 1 6-inch valve on northeast corner of Calhoun and Columbia street.
- 1 3-inch valve on southeast corner of Monroe and Lewis street.
- 1 3-inch valve on southeast corner of Monroe and Madison street.
- 1 6-inch valve on northwest corner of Reed and Creighton avenue.
- 1 6-inch valve on southwest corner of Reed and Buchanan street.
- 1 6-inch valve on southeast corner of Metz and Taylor street.
- 1 6-inch valve on southwest corner of Pontiac and Lafayette street.
- 1 6-inch valve on northeast corner of McCulloch and Lewis street.

Pipe Laid in the Winter of 1894.

- 3722 feet of 8-inch pipe on Columbia avenue, from Lafayette to Tecumseh streets.
- 219 feet of 6-inch pipe on Wells, from Putnam street to Archer avenue.
- 1312 feet of 6-inch pipe on Archer avenue, from Wells to Meridian streets.
- 350 feet of 6-inch pipe on Meridian, from Archer avenue to Putnam street.
- 1400 feet of 6-inch pipe on Fourth, from Wells to Barthold street.
- 352 feet of 6-inch pipe on Barthold, from Fourth to Third streets.
- 1362 feet of 6-inch pipe on High, from 54 feet west of Wefel to Franklin avenue.
- 1580 feet of 12-inch pipe on St. Mary's avenue, from Third to Burgess streets.
- 190 feet of 8-inch pipe on St. Mary's avenue, from Burgess street to Nickel Plate railroad.
- 1315 feet of 6-inch pipe on Suttentfield, from Lafayette to Hanna streets.
- 1050 feet of 6-inch pipe on Green, from Thomas to Winter streets.
- 1100 feet of 6-inch pipe on Gay, from Pontiac to Tenth streets.
- 950 feet of 16-inch pipe on Lafayette, from Tabor to Pontiac streets.
- 354 feet of 8-inch pipe on Lafayette, from Pontiac to Leith streets.
- 2850 feet of 16-inch pipe on Pontiac, from Lafayette to Smith streets.
- 375 feet of 4-inch pipe on Walter, from Maumee Road to Washington street.
- 330 feet of 6-inch pipe on Taylor, from Metz to Eagle streets.
- 125 feet of 6-inch pipe on Pearl, from in front of Troy Laundry to Ewing.
- 193 feet of 6-inch pipe on West Washington, from Gardner street to Fair Ground.
- 47 feet of 6-inch pipe on Gardner, from south side of Washington street north to property line and plugged.
- 650 feet of 6-inch pipe on Fulton, from Jefferson to Brackenridge streets.
- 325 feet of 6-inch pipe on Brackenridge, from Fulton to Broadway.
- 300 feet of 4-inch pipe on Chicago, from Union to Jackson streets.
- 400 feet of 6-inch pipe on Baker, from McClellan to Ewing streets.

450 feet of 6-inch pipe on Thomas, from Creighton avenue to Thomas sette street.

2048 feet of 12-inch pipe on Allen, from Lafayette to Webster streets.

209 feet of 12-inch pipe on Webster, from Allen to Pontiac streets.

611 feet of 12-inch pipe on Pontiac street.

South Wayne Extension, 1894.

212 feet of 6-inch pipe on Broadway, from Creighton to Scott avenue.

1800 feet of 8-inch pipe on Broadway, from Scott to Home avenue.

1200 feet of 6-inch pipe on Scott avenue, from Broadway to Thompson street.

1200 feet of 6-inch pipe on Huestis avenue, from Broadway to Thompson street.

1200 feet of 6-inch pipe on Maple avenue, from Broadway to Thompson street.

1100 feet of 6-inch pipe on Park avenue, from Broadway to Thompson street.

415 feet of 4-inch pipe on Ferguson, from Broadway to Miner street.

618 feet of 10-inch pipe on Grace avenue, from Broadway to Indiana avenue.

630 feet of 4-inch pipe on Lincoln, from Broadway to Indiana avenue.

635 feet of 4-inch pipe on Park avenue, from Broadway to Indiana avenue.

900 feet of 8-inch pipe on Home avenue, from Broadway to Indiana avenue.

1300 feet of 10-inch pipe on Home avenue, from Indiana to Fairfield avenue.

975 feet of 6-inch pipe on Miner, from Creighton to Grace avenue.

1950 feet of 6-inch pipe on Fox, from Creighton to Grace avenue.

1950 feet of 6-inch pipe on South Wayne, from Creighton to Home avenue.

1300 feet of 6-inch pipe on Fairfield avenue, from Creighton avenue to Pontiac street.

- 1300 feet of 6-inch pipe on Hoagland avenue, from Creighton avenue to Pontiac street.
- 675 feet of 12-inch pipe on Pontiac, from Hoagland to Fairfield avenue.
- 650 feet of 12-inch pipe on Fairfield avenue, from Pontiac street to Home avenue.
- 1612 feet of 8-inch pipe on Fairfield avenue, from Home to Organ avenue.
- 612 feet of 6-inch pipe on Organ avenue, from Fairfield to South Wayne avenue.
- 300 feet of 2-inch wrought iron pipe on Hoagland avenue, from Pontiac street south.
- 300 feet of 2-inch wrought iron pipe on Bell, from Fox street west.
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Pipe Laid in 1894.

- 632 feet of 6-inch pipe on Michigan avenue, from Broadway to Metz street.
- 519 feet of 6-inch pipe on Metz, from Michigan avenue to Taylor street.
- 354 feet of 6-inch pipe on Taylor, from Metz to Eagle streets.
- 784 feet of 6-inch pipe on Reed, from Creighton avenue to Buchanan.
- 249 feet of 4-inch pipe on Superior, from Woolen Mills to Lafayette street.
- 120 feet of 6-inch pipe on Lafayette, from Superior to hydrant at K. Baker's barn.
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Hydrants Set during the Year 1894.

- 1 6-inch Bourbon hydrant, 25 feet east of Nickel Plate R. R. on Columbia.
- 1 " " " on southeast corner of Columbia avenue and Clay street.
- 1 " " " on southeast corner of Columbia avenue and Edgewater street.
- 1 " " " on southeast corner of Columbia avenue and Old Fort street.
- 1 " " " on southeast corner of Columbia avenue and Loree street.

1	6-inch	Bourbon	hydrant,	on southeast corner of Columbia avenue and Dearborn street.
1	"	"	"	on southeast corner of Columbia avenue and Oneida street.
1	"	"	"	on southeast corner of Columbia avenue and Tecumseh street.
1	"	"	"	on southwest corner of Wells and Archer avenue.
1	"	"	"	on southeast corner of Archer and Koch sts.
1	"	"	"	on southeast corner of Archer avenue and Short street.
1	"	"	"	on southeast corner of Archer avenue and Hench street.
1	"	"	"	on southeast corner of Archer avenue and Meridian street.
1	"	"	"	368 feet west of Wells, on Fourth, on north side.
1	"	"	"	712 feet west of Wells, on Fourth, on north side.
1	"	"	"	300 feet east of Barthold, on Fourth.
1	"	"	"	on northeast corner of Barthold and Fourth.
1	"	"	"	on northeast corner of High and Sherman.
1	"	"	"	half way between Sherman and St. Mary's ave., on High, north side.
1	"	"	"	on northeast corner of High and St. Mary's avenue.
1	"	"	"	on northeast corner of High and Franklin.
1	"	"	"	half way between Third and High, on St. Mary's avenue.
1	"	"	"	on southeast corner of St. Mary's avenue and Polk street.
1	"	"	"	on southeast corner of St. Mary's avenue and Burgess street.
1	"	"	"	on southeast corner of St. Mary's avenue and Beck street.
1	"	"	"	on northeast corner of St. Mary's avenue and Nickel Plate Railroad.

1	6-inch Bourbon hydrant, on northwest corner of Thomas and Thomas-	
	sette street.	
1	“ “ “ on southeast corner of Washington and Griffith	
	streets.	
1	“ “ “ on southwest corner of Washington and Garden	
	street.	
1	“ “ “ on southeast corner of Broadway and Main.	
1	“ “ “ on southeast corner of Taylor and Eagle Sts.	
1	“ “ “ on northwest corner of Caroline and Pontiac.	
1	“ “ “ on northwest corner of Warsaw and Pontiac.	
1	“ “ “ on corner of Baker and Ewing, on south side.	
1	“ “ “ on northwest corner of Sutenfield and Warsaw.	
1	“ “ “ on Sutenfield and Caroline, on south side.	
1	“ “ “ on northeast corner of Sutenfield and Lafayette.	
1	“ “ “ on northwest corner of Green street and Hol-	
	ton avenue.	
1	“ “ “ on northwest corner of Green and Winter.	
1	“ “ “ on northeast corner of Pearl and Ewing Sts.	
1	Matthews' hydrant, on Pontiac, between Hoagland avenue and Webster	
	street, south side.	
1	“ “ “ on southeast corner of Webster and Allen streets.	

Hydrants Set in South Wayne 1894.

1	Matthews' hydrant, on the northwest corner of Fairfield avenue and	
	Organ avenue.	
1	“ “ on northeast corner of Organ and South Wayne.	
1	“ “ on Hoagland avenue, between Creighton avenue	
	and Pontiac street.	
1	“ “ on the northwest corner of Hoagland avenue and	
	Pontiac street.	
1	“ “ on South Wayne, between Home and Creighton	
	avenue.	

1	Matthews' hydrant,	on South Wayne, between Home and Creighton avenues.
1	"	" on South Wayne between Home and Grace avenues.
1	"	" on Fairfield, between Creighton and Pontiac street.
1	"	" on southwest corner of Fairfield and Pontiac street.
1	"	" on northwest corner of Fairfield and Home aves.
1	"	" on Fairfield, between Home and Packard avenues.
1	"	" on Home, between Indiana avenue and Broadway.
1	"	" on Fairfield and Packard avenues.
1	"	" on northwest corner of Indiana and Home avenues.
1	"	" on southwest corner of Indiana and Grace avenues.
1	"	" on northwest corner of Miner and Ferguson.
1	"	" on Fox, between Creighton and Grace avenues.
1	"	" on Fox, between Grace and Home avenues.
1	"	" on northeast corner of Home and South Wayne.
1	"	" on Scott, between Broadway and Thompson street.
1	"	" on southeast corner of Huestis and Thompson sts.
1	"	" on Maple avenue, between Broadway and Thompson street.
1	"	" on northeast corner of Park and Thompson street.
1	"	" on Broadway, between Creighton and Huestis ave.
1	"	" on southeast corner of Broadway and Grace avenue.
1	"	" on northeast corner of Broadway and Park ave.

168 feet of 6-inch pipe for hydrant connections.

Valves Set in South Wayne in 1894.

- 1 12-inch valve on southwest corner of Pontiac and Hoagland avenue.
- 1 6-inch valve on northwest corner of Hoagland avenue and Pontiac st.
- 1 6-inch valve on southwest corner of Hoagland avenue and Pontiac st.
- 1 2-inch valve on southwest corner of Hoagland avenue and Pontiac st.
- 1 2-inch valve on southwest corner of Bell and Fox street.
- 1 6-inch valve on southwest corner of Fairfield avenue and Pontiac street.
- 1 6-inch valve on southwest corner of Fairfield and Creighton avenues.
- 1 6-inch valve on northeast corner of South Wayne and Creighton ave.

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- 1 6-inch valve on northwest corner of Fox and Home avenue.
 - 1 6-inch valve on southwest corner of Fox and Grace avenue.
 - 1 10-inch valve on northwest corner of Home avenue and Fox street.
 - 1 10-inch valve on northwest corner of Home and Fairfield avenue.
 - 1 6-inch valve on northwest corner of Organ and Fairfield avenue.
 - 1 8-inch valve on northwest corner of Fairfield and Organ avenue.
 - 1 8-inch valve on southwest corner of Fairfield and Home avenue.
 - 1 6-inch valve on northeast corner of Park and Thompson avenue.
 - 1 6-inch valve on southwest corner of Fox and Creighton avenue.
 - 1 6-inch valve on northwest corner of Miner and Grace avenue.
 - 1 6-inch valve on southwest corner of Miner and Creighton avenue.
 - 1 4-inch valve on northwest corner of Park and Indiana avenue.
 - 1 4-inch valve on northeast corner of Park avenue and Broadway.
 - 1 4-inch valve on northwest corner of Lincoln and Indiana avenue.
 - 1 4-inch valve on northeast corner of Lincoln avenue and Broadway.
 - 1 10-inch valve on northeast corner of Home avenue and Broadway.
 - 1 12-inch valve on northwest corner of Fairfield and Home avenue.
 - 1 6-inch valve on northeast corner of Huestis avenue and Thompson street.
 - 1 6-inch valve on southwest corner of Huestis avenue and Broadway.
 - 1 6-inch valve on southeast corner of Scott avenue and Thompson street.
 - 1 6-inch valve on southwest corner of Scott avenue and Broadway.
 - 1 10-inch valve on northwest corner of Grace and Indiana avenue.
 - 1 10-inch valve on northeast corner of Grace avenue and Broadway.
 - 1 4-inch valve on southeast corner of Ferguson and Broadway.
 - 1 8-inch valve on northeast corner of Broadway and Home avenue.
 - 1 8-inch valve on northeast corner of Broadway and Grace avenue.
 - 1 6-inch valve on southeast corner of Broadway and Creighton avenue.
 - 1 6-inch valve on northwest corner of Park avenue and Broadway.
 - 1 6-inch valve on southwest corner of Maple avenue and Thompson st.
 - 1 6-inch valve on southwest corner of Maple avenue and Broadway.

Valves Set in 1894.

- 1 6-inch valve on southeast corner of Archer avenue and Meridian street.
- 1 6-inch valve on northwest corner of Meridian and Putnam streets.
- 1 4 inch valve on northeast corner of Walter street and Maumee avenue.
- 1 4-inch valve on southeast corner of Walter and Washington streets.
- 1 6-inch valve on southwest corner of Union and Pritchard streets.
- 1 4-inch valve on northeast corner of Jackson and Chicago streets.
- 1 6-inch valve on northeast corner of High and St. Mary's avenue.
- 1 6-inch valve on northwest corner of High and St. Mary's avenue.
- 1 12-inch valve on southwest corner of St. Mary's avenue and Third st.
- 1 12-inch valve on northeast corner of St. Mary's avenue and High street.
- 1 12-inch valve on northeast corner of St. Mary's avenue and Burgess st.
- 1 8-inch valve on southeast corner of St. Mary's avenue and Burgess street.
- 1 6-inch valve on northwest corner of Fourth and Wells street.
- 1 6-inch valve on northeast corner of Fourth and Barthold street.
- 1 6-inch valve on northwest corner of Barthold and Third street.
- 1 6-inch valve on southwest corner of Archer avenue and Wells street.
- 1 6-inch valve on northeast corner of Green and Holton avenue.
- 1 6 inch valve on southwest corner of Thomas and Creighton avenue.
- 1 12-inch valve on southwest corner of Allen and Lafayette street.
- 1 12-inch valve on southeast corner of Allen and Calhoun street.
- 1 12-inch valve on southwest corner of Allen and Calhoun street.
- 1 12-inch valve on southeast corner of Allen and Webster streets.
- 1 8-inch valve on southeast corner of Columbia avenue and Lafayette street.
- 1 8-inch valve on southeast corner of Columbia avenue and St. Joe River Road.
- 1 8-inch valve on southeast corner of Columbia avenue and Dearborn street.
- 1 8-inch valve on southeast corner of Columbia avenue and Tecumseh street.
- 1 16-inch valve on southwest corner of Lafayette and Tabor street.
- 1 8-inch valve on northeast corner of Lafayette and Pontiac street.

- 1 16-inch valve on northeast corner of Pontiac and Lafayette street.
- 1 16 inch valve on northwest corner of Pontiac and Hanna street.
- 1 6 inch valve on northeast corner of Sutenfield and Lafayette street.
- 1 6-inch valve on northwest corner of Sutenfied and Hanna street.
- 1 6 inch valve on northwest corner of Caroline and Pontiac streets.
- 1 6-inch valve on northwest corner of Warsaw and Pontiac streets.
- 1 6 inch valve on southwest corner of Gay and Pontiac streets.
- 1 6-inch valve on northeast corner of Green and Thomas streets.

Extensions Made in 1895.

- 1062 feet of 6-inch pipe on Thomas from Pontiac to Thomasette street.
- 2454 feet 6-inch of 16-inch pipe on Pontiac from Smith to Walton ave.
- 3826 feet 6-inch of 16-inch pipe on Walton avenue from Pontiac street to Wayne Trace.
- 1626 feet of 12-inch pipe on Walton avenue from Wayne Trace to Lewis st.
- 877 feet of 6-inch pipe on Liberty from Canal to Begue street.
- 309 feet of 6-inch pipe on Harmer from Erie to Liberty street.
- 516 feet of 6-inch pipe on Lafayette from Leith street to Grace avenue.
- 391 feet of 6-inch pipe on Zollars from Metz west to city limits.
- 385 feet of 6-inch pipe on Metz from Michigan avenue to Zollars street.
- 375 feet of 6-inch pipe on Pine from Taylor to Locust street.
- 374 feet of 6 inch pipe on Locust from Fairfield avenue to Pine street.
- 545 feet of 6-inch pipe on Baker from Fairfield avenue to first hydrant east.
- 24 feet of 8-inch pipe on East Creighton to connect to 16-inch line on Walton avenue.
- 597 feet of 6-inch pipe for hydrant connections.
- 571 feet of 8-inch pipe on Hanna from Pontiac to Ninth street.
- 377 feet of 4-inch pipe on Fry from Main to Boone street.
- 572 feet of 6-inch pipe on Caroline from Pontiac to Sutenfield street
- 346 feet of 4-inch pipe on West Superior from VanBuren to Jackson street.
- 256 feet of 4-inch pipe on Jackson from West Superior to Greeley street.

- 350 feet of 4-inch pipe on Greeley from Jackson to VanBuren street.
 331 feet of 6-inch pipe on Wall from Metz to Garden street.
 504 feet of 3-inch pipe from Columbia to Lake avenue.
 306 feet of 4-inch pipe on Fifth from Cass to Harrison street.
 391 feet of 4-inch pipe on College from Wayne to Berry street.
 8 feet of 6-inch pipe on West Wayne to connect with College street.
 732 feet of 3-inch of pipe on Webster from Allen to Tabor street.
 418 feet of 6-inch pipe on Holton avenue from Creighton avenue to Julia street.
 664 feet of 4-inch pipe on Hurd from Julia to Winter street.
 385 feet of 6-inch pipe on Winter street from East Creighton avenue to Hurd street.
 531 feet of 6-inch pipe on Liberty, from Begue to Harmer street.
 20 $\frac{2}{3}$ feet of 6-inch pipe on Harmer to connect with Liberty street.
 572 feet of 10-inch pipe on Ross street, from No. 2 Station to West Superior street.
 700 feet of 6-inch pipe on North Calhoun, from Fourth to Sixth street.
 300 feet of 6-inch pipe on Sixth, from Calhoun to Cass street.
 221 feet of 3-inch pipe on or in alley running from Calhoun to Jail.
 516 feet of 3-inch pipe on North Calhoun, from alley of Jail yard north.

Valves Set During the Year 1895.

- 1 6-inch valve on northwest corner of Oliver and Pontiac.
 1 16 inch valve on northwest corner of Pontiac and Thomas.
 1 6-inch valve on northwest corner of Thomas and Pontiac.
 1 6-inch valve on northwest corner of Holton avenue and Pontiac street.
 1 6 inch valve on northwest corner of Reed and Pontiac.
 1 6-inch valve on northwest corner of Winter and Pontiac.
 1 6-inch valve on northwest corner of Lillie and Pontiac.
 1 16-inch valve on northwest corner of Pontiac street and Walton avenue.
 1 16-inch valve on Walton avenue on northwest corner of Pontiac street.
 1 6-inch valve on southeast corner of Walton and Creighton avenue.
 1 6-inch valve on southwest corner of Edgerton street and Walton avenue.

- 1 6-inch valve on southwest corner of Simons street and Walton avenue.
- 1 6-inch valve on southwest corner of Lanternier street and Walton avenue.
- 1 6-inch valve on southwest corner of Selden street and Walton avenue.
- 1 16-inch valve on southeast corner of Walton avenue and Wayne Trace.
- 1 12-inch valve on northeast corner of Walton avenue and Wayne Trace.
- 1 6-inch valve on northwest corner of Hayden street and Walton avenue.
- 1 12-inch valve on northeast corner of Walton avenue and Eliza street.
- 1 6-inch valve on southeast corner of Hugh street and Walton avenue.
- 1 12-inch valve on southeast corner of Walton avenue and Lewis street.
- 1 6-inch valve on northwest corner of Liberty and Canal street.
- 1 6-inch valve on northeast corner of Harmer and Erie street.
- 1 6-inch valve on southwest corner of Zollars avenue and Metz street.
- 1 6-inch valve on southeast corner of Metz and Michigan avenue.
- 1 6-inch valve on northwest corner of Pine and Taylor street.
- 1 6-inch valve on northwest corner of Locust street and Fairfield avenue.
- 1 6-inch valve on southeast corner of Baker street and Fairfield avenue.
- 1 8-inch valve on southwest corner of Hanna and Pontiac street.
- 1 4-inch valve on northwest corner of Fry and Main street.
- 1 10-inch valve on Ross at McCulloch property line near gate.
- 1 6-inch valve on southwest corner of Caroline and Sutenfield street.
- 1 6-inch valve on northeast corner of Van Buren and Main street.
- 1 6-inch valve on southwest corner of West Superior and Van Buren street.
- 1 4-inch valve on southwest corner of Greeley and Van Buren street.
- 1 4-inch valve on southwest corner of Superior and Van Buren street.
- 1 6-inch valve on southwest corner of Wall and Metz street.
- 1 4-inch valve on southwest corner of Hurd and Winter street.
- 1 4-inch valve on southeast corner of Hurd and Holton avenue.
- 1 6-inch valve on southwest corner of Winter street and East Creighton avenue.
- 1 6-inch valve on southwest corner of Holton and East Creighton avenue.
- 1 3 inch valve in alley, running to Jail from North Calhoun on property line of West Calhoun.

Hydrants Set During the Year 1895.

1	Matthews' hydrant,	on the northwest corner of Oliver and Pontiac street.
1	"	" on the northwest corner of Thomas and Pontiac street.
1	"	" on the northwest corner of Holton avenue and Pontiac street.
1	"	" on the northwest corner of Reed and Pontiac street.
1	"	" on the northwest corner of Winter and Pontiac street.
1	"	" on the northwest corner of Lillie and Pontiac street.
1	"	" on the northwest corner of Pontiac street and Walton avenue.
1	"	" on Walton avenue and Henry street, west side of Walton avenue.
1	"	" on Walton avenue, between Henry and Mercer street, west side.
1	"	" on the northwest corner of Walton avenue and Milan street.
1	"	" on the southwest corner of Edgerton and Walton avenue.
1	"	" on Walton avenue, between P. F. W. & C. Railroad and Simons street, west side.
1	"	" on the southwest corner of Walton avenue and Simons street.
1	"	" on the southwest corner of Lanternier street and Walton avenue.
1	"	" on the southwest corner of Selden street and Walton avenue.
1	"	" on the northwest corner of Hayden street and Walton avenue.
1	"	" on Walton avenue opposite Eliza street, on west side.
1	"	" on the southeast corner of Hugh street and Walton avenue.
1	"	" on the northeast corner of Liberty and Coombs street.
1	"	" on the northeast corner of Liberty and Begue street.

1	Matthews' hydrant,	on the southeast corner of Harmer and Liberty street.
1	"	on the northwest corner of Thomas and Emliy street.
1	"	on the northwest corner of Lafayette street and Grace avenue.
1	"	on west end of Zollars street.
1	"	on the southwest corner of Zollars and Metz street.
1	"	on the northeast corner of Locust and Pine street.
1	"	on the northwest corner of Hanna and Ninth street.
1	"	on the southeast corner of Webster and Suttentfield street.
1	"	on the southwest corner of Holton avenue and Julia street.
1	"	on the southwest corner of Winter and Hurd street.
1	"	on the southwest corner of North Calhoun and Fifth street.
1	"	on the southwest corner of North Calhoun and Sixth street.
1	"	on the southwest corner of Wall and Garden street.
1	"	on the southeast corner of West Superior street.

PIPE SYSTEM.

Mains Laid to Date, Including Extensions.

Size In.	On.	From	To	Feet.
6	Allen	Harrison	Calhoun	380
6	Archer avenue	Wells	Meridian	1312
12	Allen	Lafayette	Webster	2048
3	Alley	Calhoun	Jail	221
6	Buchanan	Thomas	Reed	826
6	Barthold	Fourth	Third	352
6	Brackenridge	Fulton	Broadway	325
6	Baker	McClellan	Ewing	400
6	Broadway	Creighton avenue	Scott avenue	212
8	Broadway	Scott avenue	Home avenue	1800
2	Bell avenue	Fox street west		300
8	Broadway	Main	Washington	1150

Size In.	On.	From	To	Feet.
10 .	Broadway	Washington	Wall	2054
6 .	Broadway	Wall	DeWald	2408
6 .	Broadway	DeWald	Creighton avenue	290
6 .	Buchanan	Lafayette	Hanna	1310
6 .	Butler	Clinton	Lafayette	913
8 .	Butler	Fairfield avenue	Calhoun	1900
8 .	Bass	Fairfield avenue	Hoagland avenue	650
6 .	Bowser	Wells	Harrison	350
6 .	Berry	Crossing Rockhill		27
4 .	Berry	Clay	Monroe	412
4 .	Berry	Rockhill	College	240
6 .	Brackenridge	Calhoun	Griffith	1900
8 .	Brackenridge	Griffith	Fairfield avenue	117
6 .	Barr	Columbia	Lewis	2450
6 .	Barr	Lewis	Holman	745
6 .	Boone	Cherry	Watkins	1810
6 .	Boone	Watkins	Cleveland avenue	324
4 .	Brandriff	Hoagland avenue	Webster	570
6 .	Baker	Calhoun	McClellan	1110
6 .	Baker	Fairfield avenue	1st Hydrant east	445
6 .	Cherry	Main	Elm	367
6 .	College	Wilt	Wall	804
6 .	Calhoun	Columbia	Superior	385
8 .	Columbia avenue	Lafayette	Tecumseh	3722
4 .	Chicago	Union	Jackson	300
6 .	Canal	Erie	Liberty	378
12 .	Calhoun	Columbia	Brackenridge	2944
8 .	Calhoun	Butler	DeWald	397
8 .	Calhoun	DeWald	Leith	2192
6 .	Calhoun	Leith	Killea	1391
6 .	Creighton avenue	Gay	Thomas	1155
6 .	Creighton avenue	Calhoun	Broadway	2940
4 .	Creighton avenue	Calhoun	Clinton	375
6 .	Creighton avenue	Holton avenue	Winter	870
8 .	Creighton avenue	Winter	Walton avenue	665
6 .	Creighton avenue	Lafayette	Hanna	1315

Size In.	On.	From	To	Feet.
6	Cherry	Main	Boone	375
12	Calhoun	Braekenridge	Dawson	1750
8	Calhoun	Dawson	Butler	800
8	Columbia	Clinton	Lafayette	920
6	Columbia	Harrison	Calhoun	470
12	Columbia	Clinton	Calhoun	380
24	Clinton	Eighth	Main	4200
20	Clinton	Main	Lewis	2000
16	Clinton	Lewis	Murray	1800
4	Clinton	DeWald	Williams	751
8	Clinton	Creighton avenue	Suttonfield	750
6	Colerick	Fairfield avenue	Hoagland avenue	650
4	Clay	Main	Berry	480
6	Cass	Fourth	Sixth	700
6	Cass	First	Fourth	1050
6	Cass	First	Railroad Crossing	338
6	Creighton avenue	Gay	Hanna	1090
6	Creighton avenue	Thomas	Holton avenue	460
4	Court	Main	Berry	843
6	College	Jefferson	Wilt	350
6	Cherry	Rockhill	Clay	6650
6	Charles	Hanna	Lafayette	1324
8	Creighton avenue to connect 16-inch line on	Walton avenue		24
6	Caroline	Pontiac	Suttonfield	572
3		Columbia avenue	Lake avenue	504
4	College	Wayne	West Berry	391
6	North Calhoun	Fourth	Sixth	700
3	North Calhoun	Alley at Jail Yard	North	516
6	Division	Madison	Jefferson	380
6	Douglas avenue	Calhoun	McClellan	1120
6	Dawson	Calhoun	Hoagland avenue	1300
6	DeWald	Lafayette	Hanna	1300
6	DeWald	Broadway	Fairfield avenue	1950
6	DeWald	Hoagland avenue	Fairfield avenue	675
6	DeWald	Webster	Hoagland avenue	588
6	DeWald	Calhoun	Webster	725

Size In.	On.	From	To	Feet.
6 .	DeWald	Calhoun	Lafayette	1321
6 .	Division	Summit	Madison	250
4 .	Elm	Mechanic	Cherry	756
6 .	Erie	Francis	Hanover	2530
6 .	Eliza	Francis	McCulloch	2590
4 .	Ewing	Lewis	Brackenridge	650
8 .	Fairfield	Butler	Bass	1200
6 .	Fairfield avenue	Butler	DeWald	430
8 .	Fairfield avenue	Brackenridge	Lavina	169
6 .	Fairfield avenue	DeWald	Creighton avenue	319
4 .	Francis	Lewis	Madison	600
6 .	Force	Wallace	Creighton	1908
6 .	Force	Creighton avenue	Pontiac	1410
6 .	Francis	Wayne	Erie	380
6 .	Francis	Lewis	Eliza	720
8 .	Fairfield avenue	Lavina	Hendricks	312
12 .	Fourth	Clinton	Harrison	780
12 .	Fourth	Harrison	Calhoun	700
6 .	Fourth	Wells	Cass	640
8 .	Fourth	Cass	Harrison	320
6 .	First	Cass	Wells	330
6 .	Francis	Lewis	Hayden	366
6 .	Fulton	Superior	Greeley	353
6 .	Fourth	Wells	Barthold	1400
6 .	Fulton	Jefferson	Brackenridge	650
4 .	Ferguson	Broadway	Miner	415
6 .	Fox	Creighton avenue	Grace avenue	975
6 .	Fairfield avenue	Creighton avenue	Pontiac	1300
12 .	Fairfield avenue	Pontiac	Home avenue	650
8 .	Fairfield avenue	Home avenue	Organ avenue	1612
4 .	Fry	Main	Boone	377
4 .	Fifth	Cass	Harrison	306
6 .	Gay	Creighton avenue	Pontiac	1410
6 .	Gav	Wallace	Creighton avenue	1870
8 .	Griffith	Jefferson	Brackenridge	689
6 .	Grant	Washington	Humphrey	305

Size In.	On.	From	To	Feet.
6.	Grant	Smith	Thomas	730
6.	Garden	Jefferson	Washington	380
6.	Glasgow avenue	Washington	North to City Limits	455
8.	Grand	Calhoun	Webster	700
6.	Grant	Berghoff's brewery .	Randall	692
4.	Greeley	Fulton	Van Buren	740
6.	Green	Thomas	Winter	1050
6.	Gay	Pontiac	Tenth	1100
6.	Garden	Washington	North to Prop. Line	47
10.	Grace avenue	Broadway	Indiana avenue . . .	618
4.	Greeley	Jackson	Van Buren	350
8.	Hoagland avenue	Bass	Melita	200
4.	Hoagland avenue	Dawson	Bass	390
6.	Hoagland avenue	DeWald	DeWald	66
12.	Holman	Clinton	Calhoun	430
8.	Holman	Clinton	Lafayette	850
6.	Holman	Lafayette	Hanna	1320
4.	Hanna	Lewis	Madison	533
6.	Horace	Thomas	Holton avenue . . .	467
6.	Harrison	Grand	Dawson	1044
4.	Hough	Hanna	Clay	720
8.	Harrison	Columbia	Wayne	1160
6.	Harrison	Wayne	Jefferson	730
6.	Harrison	Fourth	Sixth	700
12.	Harrison	Third	Fourth	347
6.	Harrison	Dawson	Williams	425
6.	Harrison	Creighton avenue . .	Allen	1160
4.	Harrison	Jefferson	Lewis	286
4.	Hugh	Francis	Gay	760
6.	Hendricks	Fairfield avenue . .	Broadway	863
4.	Harmer	Eliza	Hugh	360
6.	Hayden	McCulloch	Lillie	710
6.	Hanover	Erie	Wayne	280
4.	Harmer	Lewis	Madison	569
6.	High	Barthold west		446

Size In.	On	From	To	Feet
8 .	Huffman	From hydrant west		30
8 .	Huffman	Sherman	Wells	2150
8 .	Huffman	St. Mary's avenue	Sherman	620
6 .	Hanna	Tabor	Pontiac	1000
8 .	Hanna	Virginia	Railroad	250
6 .	Hanna	Virginia	Creighton avenue	2200
6 .	Hanna	Creighton avenue	Tabor	418
6 .	High	Wells	Barthold	1350
6 .	Harmer	Washington	Jefferson	380
6 .	Hoagland	Butler	Duryea	115
6 .	Holton avenue	Creighton avenue	Buchanan	767
6 .	Hayden	McCulloch	Francis	2585
6 .	Huffman	St. Mary's avenue	Franklin	392
8 .	Harrison	Columbia	Superior	382
6 .	High	54 Ft. West of Wefel	Franklin avenue	1352
6 .	Huestis avenue	Broadway	Thompson	1200
8 .	Home avenue	Broadway	Indiana avenue	900
10 .	Home avenue	Indiana avenue	Fairfield avenue	1300
6 .	Hoagland avenue	Creighton avenue	Pontiac	1300
2 .	Hoagland avenue	Pontiac south		300
6 .	Harmer	Erie	Liberty	309
8 .	Hanna	Pontiac	Ninth	571
6 .	Holton avenue	Creighton avenue	Julia	418
4 .	Hurd	Julia	Winter	664
6 .	Harmer, to connect with Liberty, ...			20 feet 8 inch.
6 .	Jefferson	Clinton	Division	3530
6 .	John	Wallace	Horace	675
6 .	John	Horace	Creighton avenue	1200
6 .	John	Creighton avenue	Pontiac	1410
4 .	Jones	Nelson to alley east of College		478
4 .	Jackson	Alley	Jefferson	215
4 .	Jackson	Alley	Washington	160
8 .	Jefferson	Clinton	Broadway	2930
4 .	Jackson	Wilt	North on Jackson	202
4 .	Jackson	Jefferson	North on Jackson	148
4 .	Jackson	Pritchard, to hydrant east		40

Size In.	On.	From	To	Feet.
4 .	Jackson		Chicago	400
6 .	Jefferson	Broadway	Garden	2400
4 .	Jackson	West Superior . . .	Greeley	256
6 .	Lillie	Hayden	Lewis	1110
8 .	Leith	Calhoun	Lafayette	1286
16 .	Lafayette	Murray	Tabor	2500
8 .	Lafayette	Columbia	Lewis	2560
6 .	Lafayette	Lewis	Holman	700
8 .	Lafayette	Holman	Murray	1060
4 .	Lavina	Fairfield avenue . .	Broadway	624
12 .	Lewis	Ohio	Walton avenue . .	1662
8 .	Lewis	Calhoun	Clinton	570
12 .	Lewis	Clinton	Lafayette	983
6 .	Lewis	Lafayette	Francis	1600
6 .	Lewis	Calhoun	Harrison	460
6 .	Lewis	Francis	Harmer	418
4 .	Lewis	Harrison	McClellan	700
12 .	Lewis	Harmer	Ohio	1308
6 .	Laselle	Lafayette	Hanna	1500
16 .	Lafayette	Tabor	Pontiac	950
8 .	Lafayette	Pontiac	Leith	354
4 .	Lincoln	Broadway	Indiana avenue . .	630
6 .	Lafayette	Superior		120
6 .	Liberty	Canal	Begue	877
6 .	Lafayette	Leith	Grace	516
6 .	Locust	Fairfield avenue . .	Pine	374
6 .	Liberty	Begue	Harmer	531
8 .	Main	Clinton	Broadway	2930
6 .	Main	Broadway	Rockhill	3965
6 .	Main	Clinton	Clay	1364
8 .	Main	St. Mary's River . .	Cherry	464
4 .	Main	Blow-off west of St. Mary's River		20
6 .	Main	Cherry	Osage	1129
6 .	Main	West to Rockhill		35
8 .	Main	Rockhill	Edge of St. Mary's R .	193

Size In.	On.	From	To	Feet.
8 .	Main	Edge on west side of St. Mary's river to 4-inch blow on Main street . . .		200
12 .	Submerged in the bed of the St. Mary's river and connecting with two 8-inch lines			120
4 .	Main	Osage west		1320
4 .	Montgomery	Lafayette	Hanna	1325
4 .	Montgomery	Lafayette	Barr	404
4 .	Monroe	Berry	Wayne	384
8 .	Melita	Webster	Hoagland avenue	589
4 .	Melita	Harrison	Webster	360
8 .	Maumee Road	Walton avenue west		600
6 .	Maumee Road	Schick east		872
6 .	Metz	Wall	Taylor	1170
6 .	Maumee	Schick	Division	1450
6 .	Madison	Barr	Division	3100
4 .	McClellan	Lewis	Baker	1030
6 .	McCulloch	Eliza	Hayden	357
12 .	Murray	Clinton	Calhoun	436
16 .	Murray	Clinton	Lafayette	870
6 .	Mechanic	Main	Elm	368
6 .	McCulloch	Summit	Lewis	357
3 .	Monroe	Madison	Lewis	456
6 .	Michigan avenue	Broadway	Metz	632
6 .	Metz	Michigan avenue	Taylor	519
6 .	Meridian	Archer avenue	Putnam	350
6 .	Maple avenue	Broadway	Thompson avenue	1200
6 .	Miner	Creighton avenue	Grace avenue	975
6 .	Metz	Michigan avenue	Zollars avenue	385
6 .	Nelson	Jefferson	Wilt	334
6 .	Nirdlinger avenue	Broadway	Metz	1140
6 .	Nelson	Wilt	Jones	258
4 .	Oak	Division	Ohio	810
4 .	Ohio	Summit	Maumee	530
6 .	Ohio	Lewis	Summit	363
6 .	Oliver	Creighton avenue	Grant avenue	1517
6 .	Oakley	Walnut	DeWald	678

Size In.	On.	From	To	Feet.
6	Organ	Fairfield avenue . .	S. Wayne avenue .	162
6	Pearl	Harrison	West of Cass . . .	756
6	Pritchard	Broadway	Rockhill	1200
6	Putnam	Sherman	Wells	2167
16	Pontiac	Lafayette	Smith	2850
6	Pearl		Ewing	125
12	Pontiac			611
6	Park avenue	Broadway	Thompson avenue .	1100
4	Park avenue	Broadway	Indiana avenue . .	685
12	Pontiac	Hoagland avenue . .	Fairfield avenue . .	675
6	Pontiac	Lafayette	Calhoun	1280
4	Poplar	Hoagland avenue . .	Oakley	1080
16	Pontiac	Smith	Walton avenue . .	2454½
6	Pine	Taylor	Locust	375
6	Rockhill	Berry	Washington	740
6	Rockhill	Berry	Main	410
6	Reed	Creighton avenue . .	Buchanan	784
10	Ross	2 Station	Superior	572
6	Summit	Division	Ohio	800
4	Schick	Maumee avenue . .	Wayne	1040
6	Superior	Griffith	Van Buren	1108
8	Superior	Clinton	Harrison	850
6	Superior	Webster	Griffith	700
12	Superior	Harrison	Cass	622
8	Superior	Harrison, west of	East Side	8
6	Superior	Clinton	Barr	409
4	Superior	Barr	Woolen Mills . . .	286
6	Samuel	Gay	Thomas	1068
6	Smith	Wallace	Creighton avenue .	1860
4	Suttenfield	Calboun	Clinton	391
6	Smith	Creighton avenue . .	Pontiac	1425
6	Sixth	Cass	Harrison	305
6	Sherman	Huffman	Putnam	458
12	St. Mary's avenue . .	Third	Huffman	1290
4	Stophlet	Broadway	Metz	780
12	St. Mary's avenue . .	Third	Burgess	1580

Size In.	On	From	To	Feet.
8 .	St. Mary's avenue . . .	Burgess	Nickel Plate R. R .	190
6 .	Suttonfield	Lafayette	Hanna	1315
6 .	Scott	Broadway	Thompson avenue .	1200
6 .	South Wayne avenue .	Creighton avenue . .	Home avenue . . .	1950
4 .	St. Martin	Lafayette	Hanna	1323
6 .	Smith	Ohio	McCulloch	850
4 .	Superior		Lafayette	249
4 .	Superior	Van Buren	Jackson	346
6 .	Sixth	Calhoun	Cass	300
6 .	Taylor	Broadway	Metz	680
12 .	Third	Harrison	Sherman	2551
12 .	Third	Sherman	St. Mary's avenue .	850
4 .	Tabor	Calhoun	Clinton	375
6 .	Thomas	Samuel	Creighton	818
6 .	Thomas	Buchanan	Horace	373
6 .	Thomas	Grant	Horace	369
6 .	Tabor	Lafayette	Hanna	1320
6 .	Taylor	Metz	Eagle	354
6 .	Thomas	Creighton avenue .	Thomasetta	450
6 .	Thomas	Pontiac	Tnomasetta	1062
6 .	Union	Jefferson	Railroad	1000
8 .	Virginia	Lafayette	Hanna	1300
6 .	Van Buren	Superior	Main	722
6 .	Wells	First	Putnam	2500
12 .	Wells and Cass	First via. river . . .	Superior	1153
6 .	Wallace	Lafayette	Gay	2400
6 .	Wallace	Gay	Smith	351
6 .	Washington	Garden	Glasgow avenue . .	13030
8 .	Wayne	Lafayette	Harrison	1770
8 .	Wayne	Harrison	Broadway	2100
8 .	Wayne	Lafayette	Hanna	1328
6 .	Wayne	Hanna	Schick	2800
6 .	Wayne	Broadway	College	1940
6 .	Williams	Fairfield avenue . .	Calhoun	1950
6 .	Williams	Calhoun	Lafayette	1320
8 .	Webster	Grand	Melita	350

Size In.	On.	From	To	Feet.
4 .	Webster	Melita	Williams	1030
4 .	Webster	Butler	DeWald	398
4 .	Wilt	Broadway	College	1610
4 .	Wilt	Union	Nelson	1080
6 .	Watkins	Boone	Main	370
8 .	Wall	Broadway	Metz	1412
8 .	Walton avenue	Lewis	Maumee Road . . .	269
6 .	Walnut	Fairfield avenue . .	Fox	973
6 .	Wayne	Schick	Glasgow avenue . .	2700
6 .	Walnut	Fox		350
6 .	Webster	Creighton avenue .	Tabor	421
6 .	Wells	Putnam	Archer	219
4 .	Walter	Maumee Road . . .	Washington	375
6 .	West Washington . . .	Garden	Fair Ground	193
12 .	Webster	Allen	Pontiac	219
6 .	Webster	Allen	Taber	732½
16 .	Walton avenue	Pontiac	Wayne Trace	3826½
12 .	Walton avenue	Wayne Trace	Lewis	1626
6 .	Wall	Metz	Garden	331
6 .	Wayne to connect with	College		8
6 .	Winter	Creighton avenue .	Hurd	385
6 .	Zollars	Metz, west to City Limits		391

Summary of Pipe Laid.

24-inch mains		Feet,	4,200
20 "		"	2,000
16 "		"	15,251
12 "		"	23,383
10 "		"	4,542
8 "		"	50,676
6 "		"	203,680
4 "		"	35,669
3 "		"	1,757
2 "		"	600
			341,758

Equal to 64.72 miles. There are also 5,117 feet of 6-inch pipe used for hydrant connections not included in the above table.

List of Valves.

Allen and Calhoun, sw cor . . . 6	Butler and Lafayette, nw cor . . . 6
Archer ave. and Meridian, se cor 6	Buchanan and Hanna, nw cor . 6
Archer ave. and Wells, sw cor . 6	Berry, se cor Clay 4
Allen and Lafayette, sw cor . . 12	Berry and Rockhill, se cor . . . 6
Allen and Calhoun, sw cor . . . 12	Bass and Fairfield ave., sw cor . 8
Allen and Calhoun se cor . . . 12	Brackenridge and Calhoun, sw cor 6
Allen and Webster, se cor . . . 12	Brackenridge and Griffith, nw cor 8
Alley running to jail from N.	Buchanan and Thomas, se cor . 6
Calhoun st. on prop. line of W.	Bell and Fox, sw cor 2
Calhoun street 3	Broadway and Home ave, ne cor 8
Barr and Columbia, sw cor . . . 6	Broadway and Grace ave., ne cor 8
Barr and Berry, nw cor 6	Broadway and Creighton, se cor . 6
Barr and Wayne, nw cor 6	Barthold and Third, nw cor . . 6
Barr and Wayne, sw cor 6	Baker and Fairfield, se cor . . . 6
Barr and Jefferson, ne cor . . . 6	Clinton and Duck Alley . . . 24
Barr and Jefferson, se cor . . . 6	Clinton and Jefferson, se cor . . 6
Barr and Lewis, se cor 6	Clinton and Holman, cor . . . 12
Barr and Holman, ne cor 6	Clinton and Holman, cor . . . 16
Baker and Calhoun, sw cor 6	Clinton and DeWald, nw cor . . 4
Baker and McClellan, ne cor . . 6	Clinton and Williams, sw cor . . 4
Baker and McClellan, nw cor . . 4	Cherry and Main, ne cor 6
Boone and Osage, se cor 6	Coierick and Fairfield ave, sw cor 8
Boone and Osage, sw cor 6	Clinton and Murray, sw cor . . 12
Boone and Watkins, sw cor . . . 6	Columbia and Barr, se cor . . . 6
Broadway and Jefferson, se cor . 10	Charles and Hanna, sw cor . . . 6
Broadway and Noll, nw cor . . . 10	Charles and Lafayette, ne cor . . 6
Broadway and Washington, ne cor 8	Columbia and Clinton, sw cor . . 12
Broadway and Taylor, se cor . . . 6	Columbia and Clinton, sw cor . . 8
Broadway and DeWald, ne cor . 6	Court and Main, se cor 6
Broadway and DeWald, se cor . 6	Court and Berry, ne cor 4
Butler and Fairfield ave., cor . . 8	Creighton and Thomas, ne cor . 4
Butler and Calhoun, nw cor . . . 8	Creighton and Lafayette, se cor . 6

Creighton and Hanna, sw cor . . . 6	Erie and Francis, se cor 6
Creighton and Holton ayes, se cor 6	Erie and Coombs, sw cor 6
Creighton and Winter, se cor . . . 8	Erie and Coombs, se cor 6
Creighton and Walton ayes, sw cor 8	Erie and Hanover, sw cor 6
Creighton and Calhoun, se cor . . . 4	Eliza and Francis, ne cor 6
Creighton and Calhoun, nw cor . . . 6	Eliza and Chute, nw cor 6
Creighton and Clinton, sw cor . . . 4	Eliza and Chute, ne cor 6
Creighton and Fairfield, ne cor . . . 6	Eliza and McCulloch, nw cor . . . 6
Creighton and Fairfield, nw cor . . . 6	Elm and Mechanic, se cor 4
Creighton and Broadway, ne cor . . . 6	Elm and Cherry, sw cor 4
Columbia ave and Lafayette, se cor 8	Edgerton and Walton, sw cor . . . 6
Columbia and St. Joe Rd, se cor 8	Filter Basin, se bank 24
Columbia ave and Dearborn, se cor 8	First and Cass, se cor 6
Columbia ave and Tecumseh,	Fairfield ave and DeWald, sw cor 6
se cor 8	Force and Wallace, sw cor 6
Caroline and Pontiac, nw cor . . . 6	Force and Creighton ave, nw cor 6
Cherry and Main, se cor 6	Force and Creighton ave, sw cor 6
College and Wilt, se cor 6	Force and Pontiac, nw cor 6
College and Wall, ne cor 6	Fourth and Clinton, nw cor . . . 12
Columbia and Calhoun, sw cor . . . 6	Fourth and Wells, se cor 6
Calhoun and Columbia, ne cor . . . 6	Fox and Taylor, se cor 6
Caroline and Suttentfield, sw cor . . 6	Francis and Wayne, ne cor 6
Dawson and Calhoun, sw cor 6	Francis and Lewis, sw cor 6
DeWald and Fairfield ave, se cor 6	Fairfield and Pontiac, sw cor . . . 6
DeWald and Lafayette, ne cor . . . 6	Fairfield and Creighton avenue,
DeWald and Fox, ne cor 6	sw cor 6
DeWald and Fairfield ave, nw cor 6	Fox and Home ave, nw cor 6
DeWald and Calhoun, ne cor 6	Fox and Grace ave, sw cor 6
DeWald and Webster, se cor 6	Fairfield and Organ ave, nw cor 8
DeWald and Calhoun, sw cor 6	Fairfield and Home ave, sw cor . . 8
DeWald and Lafayette, nw cor . . . 6	Fox and Creighton, sw cor 6
Douglas ave and Calhoun, sw cor 4	Fairfield and Home, nw cor . . . 12
Douglas ave and McClellan, se cor 6	Feiguson and Broadway, se cor . . 4
Duryea and Fairfield ave, nw cor 8	Fourth and Wells, nw cor 6
Duryea and Hoagland ave, nw cor 4	Fourth and Barthold. ne cor . . . 6
Elizabeth and Parr, se cor 6	Fulton and Superior, sw cor . . . 6
Ewing and Jefferson, se cor 6	Fry and Main, nw cor 4

Gay and Creighton, sw cor . . . 6	Harmer and Lewis, ne cor . . . 4
Gay and Pontiac, nw cor . . . 6	Harmer and Eliza, ne cor . . . 4
Gay and Wallace, ne cor . . . 6	Hugh and Francis, ne cor . . . 4
Gay and Creighton, ne cor . . . 6	Huffman and Sherman, ne cor . . 8
Grant and Washington, se cor . 8	Huffman and Hensch, nw cor . 8
Grant and Calhoun, sw cor . . . 8	Huffman and Wells, nw cor . . 8
Grant and Smith, ne cor 6	Huffman and Sherman, nw cor . 8
Griffith and Jefferson, se cor . . 6	Hendricks and Fairfield, nw cor 6
Greeley and Van Buren, ne cor . 4	Hendricks and Short, ne cor . . 6
Greeley and Fulton, sw cor . . . 4	High and Barthold, nw cor . . 6
Grace and Indiana aves, nw cor. 10	High and Wells, nw cor 6
Grace and Broadway, ne cor . . 10	Hoagland and Dawson, nw cor . 4
Green and Holton ave, ne cor . 6	Horace and Thomas, se cor . . 6
Gay and Pontiac, sw cor 6	Hoagland and Bass, sw cor . . . 4
Green and Thomas, ne cor . . . 6	Holman and Lafayette, cor . . . 6
Greeley and Van Buren, sw cor . 4	Hoagland and Butler, sw cor . . 6
Hanna and Creighton, sw cor . . 8	Hayden and McCulloch, nw cor 6
Hanna and Virginia, nw cor . . 6	Holton and Creighton, nw cor . 6
Hanna and Virginia, sw cor . . 8	Hayden and Francis, ne cor . . 6
Hanna and Wallace, sw cor . . . 6	Hayden and Chute, nw cor . . . 6
Hanna and Lasselle, nw cor . . 6	Hayden and Chute, ne cor . . . 6
Hanna and DeWald, sw cor . . . 6	Huffman and St. Mary's, nw cor 6
Hanna and Hough, nw cor . . . 4	Harrison and Columbia, ne cor . 8
Hanna and Pontiac, nw cor . . . 6	Hoagland and Pontiac, nw cor . 6
Harrison and Dawson, nw cor . 6	Hoagland and Pontiac, sw cor . 6
Harrison and Grand, sw cor . . . 6	Hoagland and Pontiac, sw cor . 2
Harrison and Wayne, ne cor . . 8	Home ave and Fox, nw cor . . . 10
Harrison and Creighton, se cor . 6	Home and Fairfield ave, nw cor . 10
Harrison and Allen, ne cor . . . 6	Home ave and Broadway, ne cor . 10
Harrison and Williams, nw cor . 6	Huestis and Thompson, se cor . 6
Harrison and Fourth, ne cor . . 12	Huestis and Broadway, sw cor . 6
Harrison and Jefferson, sw cor . 4	High and St. Mary's ave, ne cor . 6
Harrison and Lewis, nw cor . . 4	High and St. Mary's ave, nw cor . 6
Hayden and McCulloch, ne cor . 6	Holton and Pontiac, nw cor . . . 6
Hayden and Lillie, nw cor . . . 6	Hayden and Walton, nw cor . . 6
Hanover and Wayne, nw cor . . 6	Hugh and Walton, se cor 6
Harmer and Madison, se cor . . 4	Harmer and Erie, ne cor 6

Hanna and Pontiac, sw cor . . .	8	Laselle and Hanna, nw cor . . .	6
Hurd and Winter, sw cor . . .	4	Lewis and McClellan, sw cor . .	4
Hurd and Holton, se cor . . .	4	Lewis and Ewing, se cor	4
Holton and Creighton, sw cor .	6	Lewis and Clinton, sw cor . . .	12
Jefferson and Clinton, se cor . .	8	Lewis and Lafayette, cor	12
Jefferson and Clinton, sw cor . .	8	Lewis and Francis, ne cor . . .	6
Jefferson and Calhoun, sw cor .	8	Lewis and Harmer, ne cor . . .	12
Jefferson and Broadway, ne cor .	8	Lewis and Ohio, nw cor	12
Jefferson and Ewing, ne cor . . .	8	Lewis and McCulloch, nw cor .	12
John and Creighton ave	6	Lewis and Holton ave, nw cor .	12
John and Wallace, se cor	6	Leith and Calhoun, se cor . . .	8
John and Creighton ave, sw cor .	6	Lillie and Hayden, nw cor . . .	6
John and Pontiac, nw cor	6	Lillie and Lewis, sw cor	6
Jefferson and Broadway, nw cor	6	Lincoln and Indiana ave, nw cor	4
Jefferson and Garden, ne cor . .	6	Lincoln and Broadway, ne cor .	4
Jefferson and Clinton, sw cor . .	20	Lafayette and Tabor, sw cor . .	16
Jefferson and Harmer, se cor . . .	6	Lafayette and Pontiac, ne cor . .	8
Jefferson and Harmer, sw cor . . .	6	Lillie and Pontiac, nw cor . . .	6
Jefferson and Jackson, nw cor . .	4	Lanternier and Walton, sw cor .	6
Jefferson and Lafayette, se cor . .	6	Liberty and Canal, nw cor . . .	6
Jefferson and Lafayette, sw cor . .	6	Locust and Fairfield, nw cor . .	6
Jones and College, nw cor	4	Maumee and Walton ave, sw cor	8
Jones and College, ne cor	4	Maumee ave and Schick, ne cor .	6
Jackson and Jefferson, sw cor . .	4	Madison and Francis, se cor . . .	6
Jackson and Washington, nw cor	4	Madison and Francis, sw cor . .	6
Jackson and Chicago, ne cor . . .	4	Madison and Lafayette, se cor . .	6
Lafayette, at alley between Tabor and Creighton avenue	16	Main and Clinton, sw cor	20
Lavina and Broadway, ne cor . . .	4	Main, n side, w of river, blow off	4
Lavina and Fairfield ave, sw cor	4	Main and Osage, se cor	4
Lavina and Montgomery, sw cor	4	Main, se cor Rockill	6
Lafayette and Buchanan	6	Main and Clinton, se cor	20
Lafayette and Murray, nw cor . .	8	Main and Lafayette, sw cor . . .	6
Lafayette and Lewis, ne cor . . .	8	Main and Lafayette, se cor	6
Lafayette and Jefferson, nw cor . .	8	McClellan and Brackenridge . .	6
Lafayette and Wayne, sw cor . . .	8	Montgomery and Lafayette, se cor	4
Laselle and Lafayette, ne cor . . .	6	Montgomery and Hanna, sw cor	4
		Monroe, sw cor Wayne	4

Murray and Lafayette, cor . . . 16	Putnam and Wells, sw cor . . . 6
McCulloch and Hayden, ne cor . 6	Pritchard and Broadway, nw cor 4
Metz and Taylor, nw cor . . . 6	Pontiac and Hoagland, sw cor . 12
Melita and Webster, se cor . . . 4	Pontiac and Thomas, nw cor . . 16
Miner and Grace ave, nw cor . . 6	Pontiac and Walton, nw cor . . 16
Miner and Creighton, sw cor . . 6	Pine and Taylor, nw cor 6
Meridian and Putnam, nw cor . 6	Park and Thompson aves, ne cor 6
Maple and Thompson, sw cor . . 6	Park and Indiana aves, nw cor . 4
Maple and Broadway, sw cor . . 6	Park ave and Broadway, ne cor . 4
Michigan and Broadway, sw cor 6	Park ave and Broadway, nw cor . 6
Monroe and Lewis, se cor . . . 3	Pontiac and Lafayette, ne cor . 16
Morroe and Madison, se cor . . 3	Pontiac and Hanna, nw cor . . 16
Metz and Taylor, se cor 6	Poplar and Oakley, ne cor . . . 4
McCulloch and Lewis, ne cor . . 6	Poplar and Fairfield, ne cor . . 4
Meehanic and Main, se cor . . . 6	Poplar and Fairfield, nw cor . . 4
Metz and Michigan, se cor . . . 6	Pontiac and Calhoun, se cor . . 6
Nirdlinger and Broadway, sw cor 6	Pontiac and Lafayette, sw cor . 6
Nirdlinger and Metz, se cor . . 6	Rockhill, sw cor Main 6
Nelson and Jefferson, sw cor . . 6	Reed and Creighton ave, nw cor 6
Nelson and Wilt, se cor 6	Reed and Buchanan, sw cor . . 6
On the reservoir 16	Reed and Pontiac, nw cor . . . 6
Olver and Pontiac, nw cor . . . 6	Ross and McCullough, prop line
Ohio and Summit, sw cor . . . 6	near gate 10
Oliver and Creighton ave, nw cor 6	Samuel and Gay, se cor 6
Oliver and Buchanan, sw cor . . 6	Smith and Creighton ave, nw cor 6
Oliver and Buchanan, nw cor . . 6	Smith and Buchanan, sw cor . . 6
Oliver and Grant, sw cor 6	Smith and Buchanan, nw cor . . 6
Oak and Division, se cor 4	Smith and Grant, sw cor 6
Oak and Ohio, sw cor 4	Smith and Creighton ave, sw cor 6
On Broadway between Nirdlinger	Smith and Pontiac, nw cor . . . 6
ave and Wall 6	Sherman and Huffman, nw cor . 6
Oakley and Walnut, sw cor . . 6	Schick and Washington, ne cor . 4
Oakley and DeWald, nw cor . . 6	Schick and Washington, se cor . 4
Organ and Fairfield, nw cor . . 6	St. Joe Well 20
Pearl and Harrison, nw cor . . 6	St. Mary's and Third, ne cor . . 12
Pritchard and Jackson, se cor . . 6	Stophlet and Broadway, sw cor . 4
Putnam and Sherman, se cor . . 6	Stophlet and Metz, se cor . . . 4

Superior and Clinton, sw cor . . . 8	Thomas and Buchanan, nw cor . . 6
Superior, se cor Clinton 6	Thomas and Pontiac, nw cor . . 6
Superior and Harrison, sw cor . 12	Tabor and Lafayette, ne cor . . 6
Samuel and Thomas, sw cor . . . 6	Tabor and Hanna, nw cor . . . 6
Superior and Webster, sw cor . . 6	Thomas and Creighton ave, sw cor 6
Superior and Griffith, sw cor . . 6	Union and Jefferson, sw cor . . 6
Superior and Van Buren, se cor . 6	Union and Wilt, sw cor 6
Suttonfield and Calhoun, se cor . 4	Union and Pritchard, sw cor . . 6
Suttonfield and Clinton, sw cor . 4	Virginia and Lafayette, ne cor . 8
South Wayne and Creighton ave ne cor 6	Virginia and Hanna, sw cor . . 8
St. Mary's ave and Third, sw cor. 12	Van Buren and Main, ne cor . . 6
St. Mary's ave and High, ne cor. 12	Wall and Broadway, sw cor . . 8
St. Mary's ave and Burgess, ne cor. 12	Wall and Metz, se cor 8
St. Mary's ave and Burgess, se cor. 8	Walnut and Fairfield ave, nw cor 6
Suttonfield and Lafayette, ne cor. 6	Watkins and Main, ne cor . . . 6
Suttonfield and Hanna, nw cor . 6	Wallace and Hanna, cor 6
Scott ave and Thompson, se cor . 6	Wallace and Gay, se cor 6
Scott ave and Broadway, sw cor . 6	Washington and Clinton, sw cor 6
St. Martin and Lafayette, ne cor . 4	Washington and Hanna, se cor . 6
St. Martin and Hanna, nw cor . . 4	Washington and Lafayette, sw cor 6
Summit and McCulloch, sw cor . 6	Washington and Compere, sw cor 6
Summit and Ohio, se cor 6	Washington and Schick, sw cor . 6
Simon and Walton, sw cor . . . 6	Washington and Rockhill, sw cor 6
Selden and Walton, sw cor . . . 6	Washington & Broadway, sw cor 6
Superior and Van Buren, sw cor . 6	Washington & Broadway, se cor 6
Superior and Van Buren, sw cor . 4	Washington and Harrison, sw cor 6
Tabor and Clinton, sw cor . . . 4	Washington and Calhoun, sw cor 6
Tabor and Calhoun, se cor . . . 4	Washington and Clinton, sw cor 6
Taylor and Fairfield ave, sw cor . 6	Wayne and Clinton, se cor . . . 8
Taylor and Fairfield ave, sw cor . 6	Wayne and Lafayette, sw cor . . 8
Taylor and Metz, se cor 6	Wayne and Lafayette, se cor . . 8
Taylor and Broadway, nw cor . . 6	Wayne and Hanna, se cor . . . 6
Third and Wells, ne cor 12	Wayne and Compere, sw cor . . 6
Third and Wells, nw cor 12	Wayne and Clinton, sw cor . . 8
Third and Barthold, ne cor . . . 12	Wayne and Harrison, sw cor . . 8
Third and St. Mary's ave, ne cor . 12	Wayne and Calhoun, sw cor . . 8
	Wayne and Broadway, se cor . . 8

Wayne and Schick, se cor . . . 6	Williams and Calhoun, sw cor . 6
Wayne and Walton ave., sw cor 6	Wilt and Broadway, sw cor . . . 4
Wayne and Walton ave., se cor . 6	Wilt and Union 4
Wayne and Glasgow ave., sw cor. 6	Wilt and Jackson, nw cor . . . 4
Wayne and Broadway, sw cor . 6	Webster and Creighton, se cor . 6
Webster and Williams, nw cor . 4	Walter and Maumee Road, ne cor 4
Webster and Dawson, nw cor . 4	Walter and Washington, se cor . 4
Webster and Meltia, sw cor . . 4	Warsaw and Pontiac, nw cor . . 6
Webster, sw cor Butler 4	Winter and Pontiac, nw cor . . 6
Webster and Grand, se cor . . . 8	Walton and Pontiac, nw cor . . 16
Webster and Jefferson, sw cor . 6	Walton and Creighton, se cor . . 16
Webster, north side of Superior . 12	Walton and Wayne Trace, se cor 16
Wells and Fourth, nw cor . . . 6	Walton and Wayne Trace, ne cor 12
Wells and Huffman, sw cor . . 6	Walton and Eliza, ne cor . . . 12
Wells and First, nw cor 6	Walton and Lewis, se cor . . . 12
Wells, north St. Mary's bridge . 12	Wall and Metz, sw cor 6
Williams and Fairfield ave . . . 6	Winter and Creighton, sw cor . 6
Williams and Lafayette, nw cor . 6	Zollars and Metz, sw cor 6
Williams and Calhoun, ne cor . 6	

Summary of Valves Set.

2 inch -----	2
3 " -----	3
4 " -----	79
6 " -----	289
8 " -----	59
10 " -----	8
12 " -----	41
16 " -----	12
20 " -----	5
24 " -----	3
Total -----	501

Seven 6 inch valves taken out in 1887 and two 6-inch valves in 1889, one 6-inch valve in 1892, and one 8-inch valve in 1892, -----	11
Total -----	490

Valves Taken Out in 1886.

Calhoun and Lewis, southwest corner -----	Size, 6-inch
Calhoun and Lewis, northwest corner -----	“ 6-inch
Calhoun and Main, southwest corner -----	“ 6-inch
Calhoun and Wayne, southeast corner -----	“ 6-inch
Calhoun and Wayne, northeast corner -----	“ 6-inch
Calhoun and Columbia, southeast corner -----	“ 6-inch
Columbia and Clinton, southwest corner -----	“ 6-inch

Valves Taken Out in 1889.

Broadway and Jefferson, southeast corner -----	Size, 6-inch
Broadway and Noll, northwest corner -----	“ 6-inch

Valves Taken Out in 1892.

Lewis and Clinton -----	Size, 8-inch
Lewis and Lafayette -----	“ 6-inch
Total -----	11

List of Hydrants.

(POST HYDRANTS.)

[NOTE.—*M* stands for *Matthews*; *L* for *Ludlow*; *H* for *Holly*; *B* for *Bourbon*.]

Archer ave and Koch, se cor . . B	Broadway, n of Wabash R R . . L
Archer ave and Short, se cor . . B	Boone and Center, se cor . . . B
Archer ave and Hensch, se cor . B	Boone and Mechanic, se cor . . B
Archer ave and Meridian, se cor . B	Boone and Osage, se cor . . . B
Buchanan and Lafayette, between	Boone and Fry, se cor . . . M
Hanna and Lafayette . . . L	Boone and Watkins, se cor . . M
Butler and Fairfield ave, ne cor . L	Barr and Lewis, se cor . . . M
Butler and Hoagland ave, ne cor M	Barr and Montgomery, ne cor . M
Butler and Calhoun, nw cor . . M	Bowser and Wells, nw cor . . . L
Baker and Harrison, se cor . . . M	Bowser and Marion, ne cor . . M
Baker and Kansas, se cor . . . M	Brackenridge and Harrison, se cor M
Berry and Clay, sw cor M	Brackenridge and Webster, se cor M
Berry and Lafayette, se cor . . . M	Brackenridge and Griffith, se cor M
Berry and Court, ne cor M	Buchanan and Warsaw, nw cor . M
Berry and Webster, se cor . . . M	Buchanan and Hanna, nw cor . M
Berry and Webster, se cor . . . M	Butler and Clinton, ne cor . . M
Berry and Ewing, se cor M	Butler and Barr, ne cor . . . M
Berry and Griffith, se cor M	Barthold and Fourth, ne cor . . B
Berry and Rockhill, se cor . . . M	Broadway and Main, se cor . . . B
Berry and Jackson, se cor . . . M	Baker and Ewing B
Berry and Broadway, se cor . . M	Broadway, bet Creighton and
Berry and Fulton, se cor . . . M	Huestis ave M
Broadway and Creighton, ne cor M	Broadway and Grace ave, se cor M
Broadway and Lavina, ne cor . . M	Broadway and Park ave, ne cor . M
Broadway and Noll, ne cor . . . M	Buchanan and Holton ave, sw cor B
Broadway and Wall, nw cor . . . M	Buchanan and Reed, se cor . . B
Broadway and Taylor, nw cor . . L	Calhoun and Creighton ave, se cor M
Broadway and Wilt, e side . . . M	Calhoun and Tabor, se cor . . . M
Broadway and Jefferson, se cor . M	Calhoun and Suttentfield, se cor . M
Broadway, s of R R, w side . . . M	Calhoun and Allen, se cor . . . M

Calhoun and Leith, ne cor . . . M	Creighton ave and Walton, sw cor B
Calhoun and Killea, ne cor . . . M	Creighton and Webster, nw cor B
Calhoun and Highland, nw cor M	Creighton, opposite Oakley . . . B
Calhoun and Douglas ave, sw cor M	Creighton and Fox, nw cor . . . B
Calhoun and Lewis, nw cor . . . M	Creighton and Miner, nw cor . . . B
Calhoun and Jefferson, se cor . . M	Creighton avenue and Lafayette,
Calhoun and Washington, se cor M	se cor M
Calhoun and Wayne, se cor . . M	Creighton ave, bet Lafayette and
Calhoun, bet Wayne and Berry	Warsaw M
east side M	Creighton ave and Warsaw, ne cor M
Calhoun and Berry, ne cor . . . M	Cass and Second, ne cor . . . M
Calhoun, bet Berry and Main,	Cass and Railway Crossing, ne cor M
east side M	Charles and Monroe, ne cor . . M
Calhoun and Main, se cor . . . M	Charles and Clay, ne cor . . . M
Calhoun, bet Main and Columbia	Columbia ave and Clay, se cor . B
east side M	Columbia ave and Edgewater ave
Columbia, bet Clinton and Cal-	southeast cor B
houn, south side M	Columbia ave and Old Fort, se cor B
Cass and Fifth, ne cor M	Columbia ave and Loree, se cor . B
Cass and Sixth, se cor M	Columbia ave and Dearborn, se
Columbia and Calhoun, s side . . M	cor B
Creighton and Holton ayes, sw cor M	Columbia ave and Oneida, se cor B
Calhoun and DeWald, nw cor . . H	Columbia ave and Tecumseh, se
Columbia and Lafayette, sw cor . M	cor B
Columbia, bet Clinton and Cal-	Caroline and Pontiac, nw cor . B
houn M	College and Jones, sw cor . . . B
Clinton and Murray, sw cor . . . L	Canal and Liberty, nw cor . . . B
Clinton and Creighton, sw cor . . B	Cherry and Elm, ne cor . . . B
Clinton and Sittenfield, nw cor B	Columbia ave, east of Nickel
Cleveland and Park ayes B	Plate Railroad B
Clinton, at P. Ft. W. & C. R. R. . M	Calhoun and Fifth, sw cor . . . M
Creighton ave and Force, ne cor L	Calhoun and Sixth, sw cor . . . M
Creighton and Smith ave, ne cor . M	Douglas ave and Harrison, se cor M
Creighton ave and Oliver, ne cor M	DeWald and Broadway, se cor . L
Creighton and Reed, sw cor . . B	DeWald and Miner, se cor . . . L
Creighton and Winter, sw cor . . B	DeWald and Fox, se cor . . . L
Creighton ave and Lillie, sw cor . B	DeWald and Oakley, se cor . . . L

DeWald and Fairfield ave, sw cor L	Force, opp Suttentfield, w side . B
DeWald and Warsaw, ne cor . . L	Force and Pontiac, nw cor . . . B
DeWald and Lafayette, ne cor . L	Fairfield and Organ ave, nw cor M
DeWald and Harrison, sw cor . M	Fulton, and Greeley nw cor . . . B
DeWald and Webster, sw cor . . L	Fairfield and Home, nw cor . . M
DeWald and Clinton, ne cor . . M	Fairfield, bet Creighton and Pon-
DeWald and Barr, ne cor M	tiac M
Division and Madison, ne cor . . L	Fairfield, bet Home and Packard M
Dawson and Harrison, sw cor . . M	Fairfield and Packard ave . . . M
Dawson and Calhoun, sw cor . . M	Fox, bet Creighton and Grace . M
Dawson and Hoagland ave, sw cor M	Fox, bet Grace and Home ave . M
Duryea, bet Hoagland and Fair-	Fairfield ave and Pontiac, sw cor M
field ave B	Gay and Wallace, se cor . . . M
Erie and Harmer, sw cor B	Gay and Grant, se cor L
Erie and Begue, sw cor B	Gay and Green, se cor L
Erie and Coombs, sw cor B	Gay and Horace, se cor L
Erie and Canal, sw cor B	Gay and Samuel, se cor L
Erie and Hanover, sw cor . . . B	Gay and Creighton ave, ne cor . L
Eliza and Francis, ne cor B	Gay and Thomasette, nw cor . . B
Eliza and Harmer, se cor B	Gay and Emily, nw cor B
Eliza and Division, ne cor . . . B	Gay and Pontiac, nw cor B
Eliza and Chute, ne cor B	Grand and Harrison, se cor . . M
Eliza and Ohio, ne cor B	Grand and Webster, se cor . . . M
Eliza and Cedar, ne cor B	Grant and Oliver, nw cor . . . M
Eliza and McCulloch, nw cor . . B	Green and Holton ave, nw cor . B
Elm and Center, se cor B	Green and Winter, nw cor . . . B
Edgerton and Walton, sw cor . M	Green, bet Fulton and VanBuren B
Fairfield, and Creighton nw cor . M	Grant ave and Randall, ne cor . B
Fairfield ave. and Bass, se cor . M	Grant and Humphrey, se cor . . B
Fairfield ave, nw cor Taylor . . . M	Harrison and Tabor, ne cor . . B
Force, 4 hydrants have been set	Harrison and Suttentfield, ne cor B
on said street, between Wallace	Harrison and Allen, ne cor . . . B
and Creighton ave M	Harrison and Sixth, se cor . . . M
Fourth and Harrison, se cor . . M	Harrison and Melita, sw cor . . M
Fourth and Cass, sw cor M	Harrison and Highland, sw cor . M
Fourth and Wells, sw cor M	Horace and Holton ave, sw cor M
Force, opposite Tabor, on w side B	High and Orchard, ne cor . . . M

High and Barthold, ne cor . . . M	High and St. Mary's ave, ... B
Hoagland ave, sw cor DeWald . L	High and Franklin B
Holman and Monroe, se cor . . . M	Huffman and Franklin, ne cor . B
Holman and Clay, se cor M	Hayden and Chute, ne cor . . . B
Holman and Barr, ne cor M	Hayden and Division, ne cor . . B
Holman and Clinton, ne cor . . . M	Hayden and Harmer, ne cor . . B
Hanna and Holman L	Hayden and Ohio, ne cor B
Hanna and Wallace, sw cor . . . M	Home and South Wayne, ne cor . M
Hanna and Laselle, sw cor . . . L	Huestis and Thompson, se cor . M
Hanna and St. Martin, nw cor . L	Hayden, bet McCulloch and Ohio B
Hanna and Creighton, nw cor . . L	Hoagland, bet Creighton ave and
Hanna and Tabor, nw cor M	Pontiac M
Holman and Lafayette, nw cor . M	Home, bet Indiana and Broadway M
Hanna and Virginia, nw cor . . M	Holton and Pontiac, nw cor . . . M
Hanna and Sittenfield, nw cor . B	Hayden and Walton, nw cor . . M
Hanna and Pontiac, nw cor . . . B	Hugh and Walton, se cor M
High and Wefel, ne cor B	Harmer and Liberty, se cor . . M
Hoagland, in front of Creighton . B	Hanna and Ninth, nw cor M
Harrison and Third, ne cor M	Holton and Julia, sw cor M
Hayden and McCulloch, ne cor . B	Indiana and Grace, sw cor M
Hayden and Lillie, nw cor B	Indiana and Home ave, nw cor . M
Huffman and Koch, ne cor B	John, opp Tabor w side B
Huffman and Short, ne cor B	John, opp Sittenfield, w side . . B
Huffman and Hensch, ne cor . . . B	John and Pontiac, nw cor B
Huffman and Meridian, se cor . . B	John and Buchanan, se cor M
Huffman and St. Mary's, ne cor . M	John, bet Buchanan and Creigh-
Huffman and Sherman, nw cor . M	ton ave M
Huffman and Andrews, ne cor . B	John and Creighton ave, nw cor . M
Hugh, intersection of Francis . . B	Jackson and Pritchard, se cor . . M
Hugh and Harmer, nw cor B	Jefferson and Harmer, sw cor . . M
Hendricks and Fairfield, nw cor . M	Jefferson and Hanna, se cor . . . M
Hendricks and Broadway, ne cor . M	Jefferson and Monroe, se cor . . . M
Hayden and Francis, ne cor . . . B	Jefferson and Clay, se cor M
Hoagland ave and Pontiac, nw cor M	Jefferson and Lafayette, se cor . M
High and Sherman, ne cor B	Jefferson and Barr, se cor M
High, bet Sherman and St. Mary's	Jefferson and Clinton, se cor . . . M
ave B	Jefferson and Harrison, se cor . M

Jefferson and Webster, se cor . . M	Main and Edsall, se cor M
Jefferson and Ewing, ne cor . . M	Main and Fulton, se cor M
Jefferson and Griffith, nw cor . . M	Main and Griffith, se cor L
Jefferson and VanBuren, ne cor . M	Main and Ewing, se cor M
Jefferson and Jackson, ne cor . M	Main and Cass, se cor M
Jefferson and Union, sw cor . . . M	Main and Maiden Lane, se cor . M
Jefferson and Rockhill, se cor . . M	Main and Barr, se cor M
Jefferson and College, se cor . . M	Main and Lafayette, se cor . . M
Jefferson and Nelson, se cor . . M	Main and Clay, sw cor L
Jefferson and Garden, se cor . . M	Main and Cherry, se cor L
John and Horace, ne cor M	Main and Center, se cor L
Lillie, bet Hayden and Lewis . . B	Main and Mechanic, se cor . . . L
Lewis and Division, nw cor . . M	Main and Osage, se cor L
Lewis and Chute, nw cor M	Main and Jackson se cor L
Lewis and Ohio, nw cor M	Main and VanBuren, se cor . . M
Lewis and Francis, nw cor . . . L	Main, in front of Watkins . . . M
Lewis and Monroe, se cor L	Madison and Harmer, se cor . . L
Lewis and Clay, se cor M	Madison and Francis, se cor . . M
Lewis and Lafayette, nw cor . . M	Madison and Hanna, se cor . . M
Lewis and Clinton, se cor M	Madison and Monroe, se cor . . M
Lewis and Harrison, se cor . . . M	Madison and Clay, se cor M
Lewis and Harmer, nw cor M	Madison and Lafayette, se cor . M
Lewis and Holton ave, nw cor . M	Maumee Road and Ohio, nw cor L
Lewis and Lillie, ne cor M	Maumee Road and Schick, nw cor M
Lewis, bet McCulloch and Lillie . M	Maumee Rd and Comparet, ne cor L
Lewis and Cedar, ne cor M	McClellan and Douglas ave . . M
Lewis and McCulloch, se cor . . M	Maumee Rd and McCulloch, ne cor M
Leith and Jane, se cor M	Maumee Road, bet McCulloch
Leith and Lafayette, sw cor . . . M	and Lillie M
Laselle and Lafayette, ne cor . . M	Maumee Road and Lillie, se cor M
Lillie and Pontiac, nw cor M	Maumee Road and Walton ave,
Lanternier and Walton, sw cor . M	sw cor M
Liberty and Coombs, ne cor . . M	Michigan and Metz, se cor . . . B
Liberty and Begue, ne cor . . . M	Maple, between Broadway and
Lafayette and Grace, nw cor . . M	Thompson M
Locust and Pine, ne cor M	Miner and Ferguson, nw cor . . M
Melita and Hoagland ave, se cor . M	Mechanic and Elm, ne cor . . . B

Nirdlinger and Metz, se cor . . . B	Superior, between Fulton and
Nirdlinger and College, se cor . . . B	VanBuren, se cor M
Nirdlinger, between College and	Superior and Van Buren, se cor . M
Broadway B	Superior and Fulton, se cor . . M
Nirdlinger ave, front of Union	Superior and Van Buren, se cor . M
nw cor L	Superior and Webster, se cor . . L
Oak and Chute, sw cor B	Superior and Ewing, se cor . . . L
Ohio and Summit, sw cor . . . M	Superior and Griffith, se cor . . L
Oliver and Horace, sw cor . . . M	Superior and Barr, sw cor . . . L
Oliver and Green, nw cor . . . M	Samuel and Smith, se cor . . . L
Organ and St. Wayne ave, ne cor M	Samuel and Oliver, sw cor . . . L
Oakley and Poplar, nw cor . . . B	Stophlet and Metz, se cor . . . B
Oliver and Pontiac, nw cor . . . M	St. Mary's ave and Spring, ne cor B
Putnam and Sherman, se cor . . M	St. Mary's and Aboit, ne cor . . B
Putnam and Meridian, se cor . M	St. Mary's ave and Third ne cor B
Putnam and Hensch, se cor . . M	St. Martin and Warsaw, ne cor . B
Putnam and Short, se cor . . . M	Summit and Cedar, nw cor . . . B
Putnam and Koch, sw cor . . . M	Summit and McCulloch, nw cor . B
Pritchard and Jackson, se cor . . M	St. Mary's, bet Third and High . B
Pearl and Ewing, ne cor B	St. Mary's ave and Polk, se cor . B
Pontiac, bet. Hoagland & Webster M	St Mary's and Burgess, se cor . . B
Park and Thompson aves, ne cor M	St. Mary's and Beck, se cor . . . B
Pontiac and Clinton, se cor . . . B	St. Mary's ave and Nickel Plate
Pontiac and Barr, se cor B	R. R., ne cor B
Pontiac and Lafayette, sw cor . B	Suttenfield and Warsaw, nw cor B
Pontiac and Walton, nw cor . . M	Suttenfield and Caroline B
Reed and Green, nw cor B	Suttenfield and Lafayette, ne cor . B
Reed and Pontiac, nw cor . . . M	South Wayne ave, bet Home and
Smith and Thomasette, nw cor . B	Vermilla M
Smith and Emily, nw cor B	South Wayne ave, bet Crescent
Smith and Pontiac, ne cor B	and Pierce M
Summit and Chute, ne cor . . . L	Scott ave, bet Broadway and
Smith and Horace, nw cor . . . M	Thompson M
Smith and Grant, nw cor M	Selden and Walton, sw cor . . . M
Superior and Fulton, se cor . . . M	Superior, se cor M
Superior and Clinton, nw cor . . M	Taylor and Metz, se cor B
Superior and Calhoun, se cor . . M	Taylor and Oakley, se cor . . . B
Superior and Harrison, se cor . . M	

Taylor and Fox, se cor	B	Washington and University, sw	
Taylor, bet Broadway and Metz . B		cor	L
Third and Cass ne cor	M	Washington and Schick, se cor . L	
Third, in front of Marion M		Washington and Ilanover, se cor M	
Third and Orchard, nw cor . . . M		Washington and Grant, se cor . L	
Third, bet Orchard and Barthold M		Washington and Glasgow ave, sw	
Third and Barthold nw cor . . . M		cor	L
Third and Sherman, ne cor . . . M		Washington and Harmer, sw cor M	
Third and Oakland, se cor . . . M		Washington and Nelson, se cor . M	
Third and Wells, sw cor M		Washington and Rockhill, se cor M	
Thomas and Grant, sw cor M		Washington and Van Buren, se	
Thomas and Horace, sw cor . . . M		cor	M
Thomas and Green, nw cor . . . H		Washington and Broadway, se	
Thomas and Creighton, nw cor . H		cor	M
Thomas and Thomasette, nw cor B		Washington and Fulton, se cor M	
Taylor and Eagle, se cor B		Washington and Ewing, se cor . M	
Tabor, bet Warsaw and Hanna . B		Washington and Webster, sw cor M	
Tabor and Lafayette, ne cor . . . B		Wells and Sixth, w side H	
Tabor, bet Lafayette and Warsaw B		Wells and Putnam, nw cor . . . H	
Tabor and Warsaw, ne cor . . . B		Williams and Hoagland, se cor . M	
Thomas and Pontiac, nw cor . . . M		Williams and Webster, se cor . M	
Thomas and Emily, nw cor . . . M		Williams and Calhoun, sw cor . M	
Union and Noll, nw cor L		Williams and Barr, ne cor . . . M	
Virginia and Clay, se cor M		Williams and Clinton, ne cor . . M	
Virginia and Monroe, sw cor . . . M		Wilt and Nelson, w side H	
Wells and Archer ave, sw cor . . B		Wayne and Broadway, se cor . M	
Washington and Griffith, [se cor . B		Wayne and College, se cor . . . M	
Washington and Garden, sw cor . B		Wayne and Barr, sw cor M	
Warsaw and Pontiac, nw cor . . . B		Wayne and Lafayette, se cor . . M	
Webster and Allen, se cor M		Wayne and Clay, se cor M	
Webster and Tabor, ne cor . . . B		Wayne and Monroe, se cor . . . M	
Walnut street and west end . . . L		Washington and Harrison, se cor M	
Washington and Lafayette, se cor M		Wall and Metz, se cor B	
Washington and Monroe, se cor . M		Wall and College, se cor B	
Washington and Hanna, se cor . M		Wall, bet Broaway and College . B	
Washington and Francis, se cor . M		Walnut and Fairfield ave, nw cor M	
Washington and King, se cor . . . L		Walnut and Oakley, ne cor . . . M	

Walnut and Fox, se cor M	Wayne and Walton ave., sw cor . B
Wallace and Lafayette, se cor . M	Wayne and Grant ave., sw cor . B
Wallace and Monroe, ne cor . . M	Wayne and Glasgow ave, sw cor B
Wallace and Clay, se cor M	Washington and Clinton, se cor M
Wallace and Force, se cor . . . M	Washington and Barr, se cor . . M
Wallace and John, se cor M	Winter and Pontiac, nw cor . . M
Wallace and Smith, sw cor . . . M	Walton and Henry, west side of
Wells and First, nw cor M	Walton ave M
Wells and Fifth, sw cor L	Walton, bet Henry and Mercer,
Wayne and Hanna, se cor . . . M	west side M
Wayne and Francis, se cor . . . L	Walton and Milan, nw cor . . . M
Wayne and Harmer, se cor . . . L	Walton, bet P. Ft.W. & C.R. R. and
Wayne and Comparet, se cor . . L	Simon, west side M
Wayne and Walter, se cor . . . L	Walton and Simon, sw cor . . . M
Wayne and Harrison, sw cor . M	Walton, opposite Eliza, on west
Wayne and Webster, se cor . . M	side M
Wayne and Ewing, se cor . . . M	Webster and Suttentfield, se cor M
Wayne and Griffith, se cor . . M	Winter and Hurd, sw cor . . . M
Wayne and Jackson, se cor . . M	Wall and Garden, sw cor . . . M
Wayne and Hanover, se cor . . B	Zollars street, on west end . . . M
Wayne, bet Hanover and Walton B	Zollars and Metz, sw cor . . . M

LOWRY HYDRANTS.

(INTERSECTION OF STREETS.)

Barr and Lewis	Calhoun and Grant
Barr and Columbia	Harrison and Perry
Barr and Berry	Harrison and Columbia
Broadway and Main	Harrison and Main
Clinton and Main	Lafayette and Holman
Clinton and Columbia	Lafayette and Virginia
Clinton and Wayne	Wabash Railroad at Webster . . .
Calhoun and Holman	

PRIVATE POST HYDRANTS.

-
- 4 Ludlow hydrants at Bass Foundry and Machine Works.
 - 1 Ludlow hydrant at White & Co.'s Wheel and Spoke Factory.
 - 2 Ludlow hydrants at N. G. Olds & Sons Wheel and Spoke Factory.
 - 1 Holly hydrant at N. G. Olds & Sons' Wheel and Spoke Factory.
 - 1 Matthews hydrant at Concordia College.
 - 1 Ludlow hydrant at F. Eckart's Pork Packing House.
 - 1 Ludlow hydrant at Rhinesmith & Simonson's Planing Mill.
 - 1 Chapman hydrant at Orphan Asylum.

SUMMARY.

(PUBLIC FIRE HYDRANTS.)

Matthews, 6-inch	288
Matthews, 6-inch, double valve	22
Ludlow, 6-inch	64
Lowry, 6-inch	24
Holly, 6-inch	8
Bourbon, 6-inch	149
	555
Lowry hydrants taken out	9
	546
Private post hydrants	12
Total	558

Lowry hydrants taken out in 1887, 1889 and 1890, at the intersection of the following streets:

Calhoun and Berry.	Calhoun and Main.
Calhoun and Wayne.	Calhoun and Columbia.
Calhoun and Washington.	Broadway and Jefferson.
Calhoun and Jefferson.	Hanna and Virginia.
Calhoun and Lewis.	

The double valve hydrants are located at the following places:

Calhoun and Douglas ave.	Calhoun, bet Berry and Main.
Calhoun and Lewis.	Calhoun and Main.
Calhoun and Jefferson.	Calhoun, bet Main and Columbia.
Calhoun and Washington.	Columbia, bet Clinton and Calhoun.
Calhoun and Wayne.	Columbia and Calhoun.
Calhoun, bet Wayne and Berry.	Creighton and Holton ave.
Calhoun and Berry.	Holman and Lafayette.
Broadway and Wilt.	Clinton, at P., F. W. & C. R. R.
Broadway and Jefferson.	Murray and Barr, se cor.
Broadway, s of railroad, w side.	Broadway and Lavina, ne cor.
Broadway and Noll, nw cor.	Broadway and Wall, nw cor.

Inventory of Water Works Department.

CLINTON STREET STATION.

1 Gaskill Vert. Triple Expansion, 6,000,000 daily.	1 Pipe Vise.
1 Holly Quadruplex, 3,000,000 daily.	1 Machinist Vise.
1 Gaskill Boiler Pump.	1 Grind Stone.
1 Deane Boiler Pump.	1 Bench.
1 Holly 6x6x10 Air Pump.	1 Set Pipe Dies and Taps from $\frac{1}{4}$ in. to 2 in.
1 Old Pump.	2 Pipe Cutters.
6 80-Horse Power Boilers.	2 Trimo Pipe Wrenches.
1 Lodge & Davis Lathe and tools.	2 Adjustable Pipe Tongs.
1 Pease Planer.	3 Monkey Wrenches.
1 Sibley & Wear Drill Press.	1 Machinist's Hammer.
1 Wood Lathe.	1 Machinist's Square.
1 $2\frac{1}{2}$ Horse Power Engine.	1 Caliper.
1 Line Shaft and Pulleys.	1 Hack Saw.
12 Morris Twist Drills.	2 Small Scales.
1 Ratchet Brace and nine Drills.	1 Glue Pot.
1 Blacksmiths Die Plate and Taps.	1 Hand Saw.
1 Blacksmiths Forge and Tools.	1 Brace and Bits.
100 Lbs. Blacksmith's Coal.	1 Nipper.
1 Anvil.	1 Wood Chisel.
1 Blacksmith's Vice.	1 Draw Knife.
	1 Sledge.
	1 Axe.
	1 Ladle.
	1 Clinker Bar.
	1 Hoe.

2 Scoop Shovels.	5 Gallons Lard Oil.
29 Extra Grate Bars.	35 Lbs. of White Waste.
2 Oiling Cans.	11 Lbs. of Garlock Packing.
1 Garden Hoe.	65 Lbs. Square Flax Packing.
25 Engine Wrenches.	11 Lbs. Graphite.
1 Hydrant Wrench.	2 Lbs. Emery.
2 Valve Keys.	1 Harrington Chain Hoist,
1 Brass Furnace	10,000 lbs.
2 Crucibles.	1 Harrington Chain Hoist,
3 Bushels of Coke.	2,000 lbs.
7 Lamps.	1 Set $\frac{5}{8}$ Tackle Blocks
1 Deitz Lamp No. 30.	and 120 ft. $\frac{5}{8}$ Rope.
2 Cuspidors.	4 Slings.
9 Chairs.	467 Feet of $\frac{3}{4}$ Rope.
2 Step Ladders.	1 Set of Small Air Pump
1 Ladder.	Valves.
6 Brooms.	1 Set of Large Air Pump
1 Office Desk.	Valves.
1 Lounge.	100 Feet of 1-inch Hose.
1 Book Case.	18 Feet of $\frac{3}{8}$ -inch Hose.
1 Clock.	1 5-inch Valve Stem Casting.
1 Mat.	1 6-inch Valve Stem Casting.
1 Bath Tub.	5 Hydrant Seat Castings.
1 Wheel-Barrow.	2 Hydrant Waste Valve
1 Scale.	Castings.
2 Wash Stands.	5 Lbs. Rubber Packing.
1 Water Closet.	
3 Oil Cans.	
25 Gallons of Cylinder Oil.	
25 Gallons of Engine Oil.	

PIPE AND FITTINGS.

19 Feet 6-inch Pipe.	1 2-inch Union.
20 Feet 4-inch Pipe.	1 1½-inch Angle Valve.
74 Feet 3-inch Pipe.	1 1½-inch Check Valve.
466 Feet 2-inch Pipe.	1 1½-inch Plug.
179 Feet 1¼-inch Pipe.	1 1½x½-inch T.
450 Feet 1-inch Pipe.	1 1½x1½x2-inch T.
36 Feet ¾-inch Pipe.	1 1½ Nipple.
17 Feet ½-inch Pipe.	4 1½-inch L.
60 Feet ¼-inch Pipe.	100 Feet 5-inch Pipe.
2 8x6-inch T.	1 1½x¾-inch T.
1 8-inch L.	1 1½-inch T.
2 6-inch L.	1 1¼x1-inch T.
1 5-inch L.	2 1¼-inch L.
1 5-inch Cap.	2 1¼-inch Unions.
4 4-inch L.	3 1-inch Globe Valves.
1 6x5-inch Bushing.	4 1-inch Flange Unions
1 4x2-inch Bushing.	2 1-inch Plugs.
1 4x3-inch Bushing.	1 1x¾-inch Reducer.
2 4-inch Nipples.	4 1-inch L.
1 3x2-inch L.	1 1-inch Return Bend.
1 3-inch Nipple.	1 1-inch Cap.
3 3-inch L.	5 ¾-inch Valves.
2 3-inch Plugs.	5 ¾-inch L.
1 2½-inch L.	2 ¾-inch T.
1 2½-inch T.	1 ¾-inch Plug.
4 2½-inch Bushings.	2 ¾-inch Unions.
2 2½-inch Plugs.	6 ½x¼-inch Reducers.
13 2-inch L.	8 ½-inch L.
4 2-inch T.	4 ½-inch T.
3 2x1¼-inch T.	2 ½-inch Unions.

2 6-inch Nipples.	4 ½-inch Angle Valves.
3 2-inch Flange Unions.	50 Pounds Old Brass.
	200 Pounds Old Iron.

ROSS STREET PUMPING STATION.

- 1 Laidlaw-Dunn-Gordon Company Duplex Compound Pump
2,000,000 Daily.
- 1 Ninety-Horse Power Boiler.
- 1 Boiler Feed Pump.

INVENTORY OF MATERIALS AND TOOLS ON HAND,

JANUARY 1, 1896.

1 2-inch Worthington Meters, old.			
2 1-inch " " "			
1 ¾-inch " " "			
1 1-inch Union " "			
1 ¾-inch " " "			
3 2-inch Empire " "			
1 ½-inch " " "			
2 2-inch Hersey " "			
1 1½-inch " " "			
1 1-inch " " "			
1 ¾-inch " " "			
4 ⅝-inch " " "			
1 1-inch Crown " new			
4 ¾-inch " " "			
7 ⅝-inch " " "			
2 ¾-inch " " "			
7 ⅝-inch Top Shells for Crown Meters			
6 ⅝-inch Bottoms for Crown Meters.			

VALVES.

1 8-inch Valve.	2 6-inch Valve Domes.
2 6-inch "	5 2-inch "
1 5-inch "	6 1 1/2-inch "

PIPES AND SPECIAL CASTINGS.

12 feet of 30-inch.	190 feet of 8-inch.
7 " 24-inch.	159 " 6-inch.
24 " 20-inch.	84 " 5-inch.
91 " 16-inch.	230 " 4-inch.
220 " 12-inch.	

SPECIAL CASTINGS.

1 20x12 inch Crosses	3 12-inch Sleeves.
1 20x8 inch "	1 16-inch "
1 20x6 inch "	2 10-inch "
2 16x6 inch "	2 8-inch "
1 12x6 inch "	7 6-inch "
4 8x8 inch "	2 5-inch "
1 8x6 inch "	6 4-inch "
2 6x6 inch "	3 12-inch Plugs.
3 12x6 inch Tees.	2 10-inch "
4 12x5 inch "	2 8-inch "
1 10x8 inch "	3 6-inch "
1 8x5 inch "	3 4-inch "
5 8x4 inch "	2 3-inch "
2 6x6 inch "	1 24x20 inch Ties.
1 6x4 inch "	1 24-inch Elbow.
1 4x4 inch "	1 24-inch Flange Elbow.
2 20x16 inch Reducers.	1 20-inch Elbow.
1 16x12 inch "	2 24-inch 45 Degree Elbow.
1 24-inch Sleeves.	2 20-inch " "
2 20-inch "	2 12-inch Elbows.
2 16-inch "	1 8-inch "

- | | |
|---------------------------|--------------------------|
| 1 8-inch 45 Degree Elbow. | 2 4-inch Elbow. |
| 1 5-inch Elbow. | 3 4-inch 45 Degree Elbow |

FOR SERVICE CONNECTIONS.

- | | |
|--|-----|
| 1 2-inch Service Connections. | |
| 1 1 1/2-inch " " | " " |
| 33 1-inch Corporation Cocks. | |
| 20 1-inch Stop Cocks. | |
| 105 3/4-inch " " | " " |
| 72 3/4-inch Corporation Cocks. | |
| 180 5/8-inch " " | " " |
| 321 5/8-inch Stop Cocks. | |
| 1 1/2 Coil of 2-inch Extra Strong Lead Pipe. | |
| 1 Coil of 1 1/2-inch " " " " | |
| 1 " 1-inch " " " " | |
| 2 " 3/4-inch " " " " | |
| 1 " 3/4-inch Strong Lead Pipe. | |
| 37 " 5/8-inch Extra Strong Lead Pipes. | |
| 26 Service Boxes. | |
| 1 Small Scales. | |
| 1 Testing Tank for Meters. | |

BARN.

- | | |
|----------------|---------------------------|
| 2 Horses. | 2 Blankets. |
| 1 Large Wagon. | 1 Feed Box. |
| 1 Small Wagon. | 1 Ton of Hay. |
| 1 Set Harness. | Corn and Oats. |
| 2 Collars. | 25 feet of 3/4-inch Hose. |

IMPLEMENTS.

- | | |
|-------------------------|----------------------|
| 33 Iron Rammers. | 1 Tin Pump. |
| 10 Wooden " " | 1 3-inch Ditch Pump. |
| 1 Heavy " " | 1 Force Pump. |
| 3 Small Tunneling Bars. | 2 Hatchets. |

3 Stop Cock Keys.	2 Hand Saws.
3 Valve Keys.	2 Wood Chisels.
1 Tunneling Spoon.	2 Wood Planers.
1 Mortar Hoe.	11 Files and Handles.
2 Steel Wire Brushes.	5 Sledge Hammer Handles.
2 Concrete Hooks.	3 Hammer Handles.
1 Hand Cart.	1 Mason Trowel.
1 Scythe and Snath.	1 2-inch Union Wrench.
2 Long Handled Spades.	1 Oil Stone.
2 Old Axes.	$\frac{1}{4}$ Pound of Glue.

PLUMBERS TOOLS.

2 Plumbers Furnaces.	1 Shave Hook.
2 Plumbers Pots.	1 Tap Bore.
2 Plumbers Ladles.	1 Pair Pliers.
1 Lead Rasp.	1 Monkey Wrench.
1 Turn Pin.	

TOOLS FOR LAYING PIPE.

2 Furnaces for Melting Lead.	1 Small Tool Box.
2 Melting Pots.	1 Full Set of Slings.
2 Ladles.	2 Sets of 1-inch Rope to
2 Small Pouring Pots.	Handle Pipe.
3 Full Sets of Calking	1 Wheel Derrick.
Tools.	1 Three Leg Derrick.
6 Pipe Jointers.	1 Bale of Hemp Packing.
5 Clamps for Jointers.	1 Bale of Italion Packing.
2 Sledge Hammers.	13 $\frac{1}{2}$ Bars of Pig Lead.
1 Block and Tackel, 100 feet	2 Eddy Valve Wrenches.
$\frac{3}{4}$ -inch Rope.	1 Matthews Socket Wrenches.
1 Large Tool Box.	1 Bourbon Packing Wrench.

TOOLS AT SHOP.

26 Small Cast Mal. Wrenches.	3 Pairs of Plyers.
1 Stilson Wrench, 14-inch.	1 Small Pair of Calipers.
1 Monkey Wrench, 8-inch.	3 Fire Hydrant Wrenches.
1 Monkey Wrench, 10-inch.	1 Bourbon Packing Box
1 Monkey Wrench, 14-inch.	Wrench.
1 Monkey Wrench, 16-inch.	6 Stone Chisels
1 Foot Adz.	10 Service Box Chisels.
1 Drawing Plane.	100 Feet of 1-inch Hose.
1 Square.	45 Lbs. of Solder.
1 Adjustable Square.	1 Hydrant Pump.
1 Brace and Two Bits.	2 Vices.
1 Breast Drill Brace.	14 Red Lamps.
1 Drawing Knife.	5 Torches.
2 R. R. Machinist Hammers.	1 Pair of Dividers.
1 Cross P Hammer.	1 Small Scale.
1 Pipe Testing Hammer.	8 Mattock.
3 Wood Gouges.	82 Picks and 90 Handles.
1 Scratch Awl.	2 Matthews Hydrant Shoes.
1 Paveing Hammer.	7 Valve Boxes.
1 1 1/4-inch Auger.	2 Valve Boxes Bases.
1 Washer Cutter.	4 Service Augers.
1 Saw Set.	2 Tapping Machine, Drills
3 Screw Drivers.	and Taps.

LIST OF OFFICERS.

NAME.	OFFICE.	Beginning of Term.	Expiration of Term.
Charles McCulloch	Trustee	Elected . . August, 1879	May 1881
Charles McCulloch	"	Re-elected . . May, 1881	May 1884
Charles McCulloch	"	Re-elected . . May, 1884	May 1887
Charles McCulloch	"	Re-elected . . May, 1888	May 1891
Charles McCulloch	"	Re-elected . . May, 1891	May 1894
Charles McCulloch	"	Re-elected . . May, 1893	May 1896
Christian Boseker.	"	Elected . . August, 1879	May 1880
Christian Boseker.	"	Re-elected . . May, 1880	May 1883
Christian Boseker.	"	Re-elected . . May, 1883	May 1889
Christian Boseker.	"	Re-elected . . May, 1889	May 1892
Henry Monning .	"	Elected . . August, 1879	May 1882
Henry Monning .	"	Re-elected . . May, 1888	May (Died July 29, '89) 1890
J. Sion Smith . .	"	Appointed . . May, 1889	May 1890
William Bittler .	"	Elected . . . May, 1890	May 1893
William Bittler .	"	Re-elected . . May, 1893	May 1896
James Breen . . .	"	Elected . . . May, 1882	Died . . July, 25, 1883
John F. W. Meyer	"	Elected . . . May, 1883	May 1886
John F. W. Meyer	"	Re-elected . . May, 1886	Resigned . May, 1888
Thomas B. Hedekin	"	Elected . . August, 1883	May 1885
Thomas B. Hedekin	"	Re-elected . . May, 1885	May 1888
E. B. Kunkle . . .	"	Elected . . . May, 1887	Resigned . May, 1888
Henry C. Graffe .	"	Appointed . . April, 1892	May 1892
Henry C. Graffe .	"	Elected . . . May, 1892	May 1894
Henry C. Graffe .	"	Re-elected . . May, 1893	May (Died Jan. 1, '96) 1896
F. T. Zollars . . .	Clerk	Appointed . . Nov., 1879	Resigned . May, 1881
W. E. Zollars . . .	"	Appointed . . May, 1884	Resigned . Jan., 1885
P. J. McDonald . .	"	Appointed . . Jan., 1885	February . . . 1898
J. H. Turner . . .	Engineer	Appointed . . Nov., 1880	Resigned March 1883
M. J. Zollinger . .	"	Appointed . . March, 1883	Resigned June 1885
Warren Carpenter	"	Appointed . . June, 1886	Resigned Sept., 1889
Thomas Baxter . .	"	Appointed . . Sept., 1889	February . . . 1898
Frank Iten	Inspector	Appointed . . April, 1880	February . . . 1898

Respectfully submitted,

P. J. McDONALD, Clerk.

Department of Education.

1895.

REPORT

OF THE

Public Schools of Fort Wayne,

—BY—

JOHN S. IRWIN, SUPERINTENDENT.

TRUSTEES OF PUBLIC SCHOOLS.

SAMUEL M. FOSTER.

OLIVER P. MORGAN.

A. E. HOFFMAN.

PUBLIC SCHOOLS.

FORT WAYNE, IND., Jan. 1, 1896.

To the Hon. C. B. Oakley, Mayor, and the Common Council of the City of Fort Wayne:

GENTLEMEN:—I have the honor to submit a report of such points concerning the Public Schools of the city, for the year ending June 30, 1895, as seems to be of general interest.

The term of service of Mr. John M. Moritz, President of the Board, having expired in June, he declined a re-election, and Mr. Samuel M. Foster was elected by the Common Council to fill the vacancy. In re-organizing the Board, Mr. O. P. Morgan was elected President, Mr. Samuel M. Foster, Secretary, and Mr. A. Ely Hoffman, Treasurer, for the ensuing year.

Estimated population of the city.....	42,600	
Enumeration of school children	14,204	
Transfers from the township.....	592	14,796
Of which number the white males were	7,304	
the white females were	7,426	
the colored males were	30	
the colored females were	36	
Total.....	14,796	

The enrollment in the schools for the year by buildings is as follows :

High School	366
Jefferson School	544
Clay School	649
Hoagland School	481
Hanna School	414
Washington School	438
Bloomington School	540
Harmer School	416
Miner Street School	393
Holton Avenue School	243
Nebraska School	205
McCulloch School	173
Hamilton School	210
Franklin School	100
Lakeside School	33
East German School	86
West German School	97
Total	5,398

The enrollment by grades is

High School	366	366
A Grammar Grade	168	
B " "	285	
C " "	392	
D " "	419	1264
A Primary "	552	
B " "	593	
C " "	604	
D " "	2019	3768
Total		5398

While the enrollment for the year is lower than that of the preceding year, the falling off is not as great as had been anticipated. A reference to the preceeding table shows a very great discrepancy between the enrollments in the upper two Grammar grades as compared with the lower two. This was caused largely by the necessities of many families to relieve which, the older children were compelled to leave school for work. Many cases came to our knowledge where fathers and mothers were unable to procure work, but the older sons and daughters could and did, to the reduction of the school enumeration, but greatly to the relief of the family discomfort.

Another serious cause of the reduced enrollment, was the prevalence of contagious diseases. In some districts the fear of these was so great that many children of proper age were kept out of school entirely through the year by their parents, to the serious detriment, in many cases, of the children, without any real compensation in the way of safety from contagion or infection. Experience has clearly demonstrated that the protection to children, from the so much dreaded risk of contracting zymotic diseases, is much greater in school than it can possibly be in the majority of cases at home, where they are allowed by parents, voluntarily or by necessity, to run at large when out of school. This is shown to a great extent by the number of deaths that have taken place amongst the scholars for the full school year. The mortuary records of the city show the rate of mortality in Fort Wayne to be $12\frac{1}{2}$ in 1,000—a very low rate compared with the state and country at large—the rate of mortality in our schools for the year was at the rate of less than five in a thousand, although the rate, generally, for persons of school age exceeds the average.

The writer feels justified in claiming to a great degree, as causes for this extremely low mortality, the scrupulous cleanliness of the school buildings, from garret to cellar, the strict attention to ventilation, proper heating, lighting, and seating. In connection with this is to be noted the fact, that the percentage of scholars who are obliged to use glasses for defective sight is very much smaller than obtains in the great majority of schools.

EXAMINATIONS AND PROMOTIONS IN THE SEVERAL SCHOOLS.

School.	Number Examined.	Number Promoted.	Number Left.
High	265.....	195.....	70
Jefferson	347... ..	317.....	30
Clay.....	331.....	291.....	40
Hoagland	310.....	250.....	60
Hanna	254.....	215.....	39
Washington	257.....	217.....	40
Bloomington	419.....	388.....	31
Harmer	231.....	183.....	48
Miner Street.....	204.....	171.....	33
Holton Avenue.....	97.....	77.....	20
Nebraska	95.....	82.....	13
McCulloch	80.....	76.....	4
Hamilton	106.....	84.....	22
Franklin	73.....	73.....	
Lakeside.....	9.....	9.....	
East German.....	50.....	45.....	5
West German	62.....	62.....	
Total.....	3190.....	2735.....	455

In explanation of the large number not promoted, it is proper to note that very many pupils who had been absent from school for a considerable time, but were courageous enough to try the examinations, failed to succeed, as was to be looked for. Many of these, however, through the summer, made such efforts as enabled them, by an examination in the fall, to take their positions in the advanced grades.

Another cause of the large number left was the sudden influx toward the end of the year of new pupils, many of them from other places, who had not, at the time of the examinations, become accustomed to the methods and work of our schools.

Still another and important cause was the decided advancement in the course of study made to meet the recommendations of the various state and national educational bodies. Amongst these recommendations, one of the most important and valuable is the higher and broader attention given to the study of the English language, literature and composition.

One of the most notable things in the history of educational matters is the marvelously great and growing attention given to these subjects in this country, as compared with the comparative want of interest in them shown in the English Universities and Public Schools. Not even yet in the great English Universities have they taken the positive and honorable position which they occupy in this country. I believe that to-day the works of Shakespeare, the world's great genius, are the subjects of the critical study and investigations of hundreds in this country, as against tens in Great Britain. The State of Indiana is not behind her sister states in her appreciation of these great things. Every candidate for a county license is examined in some important literary work, in the

critical knowledge of reading, as an ability to comprehend the author's thought, and measure ones self against that thought, rather than the pronunciation and simple meaning of words; as well as in the critical analysis of the mental action brought into use in teaching and study.

One other cause for the large number of failures to pass on, is a serious and a very sad one; one to be considered with tenderness and regret, not animadverted upon lightly or thoughtlessly. Indiana has done nobly in her care for her unfortunate children. Amongst her most important and valuable institutions is the one in the immediate neighborhood of our city, the Institution for Feeble Minded Youth, over which Mr. Alexander Johnson exercises such skillful and successful control. But the institution, valuable and admirably administered as it is, is entirely unable to care for the large number in the state who are proper objects for its care. The consequence is that many children, who should be under the care of Mr. Johnson, to their great advantage, and the comfort of their parents, are of necessity sent to our schools. Everything is done for them that can be done, consistently with the duties due to others, and while in many cases they make progress, hardly to be expected, they must, and that without any blame on their part, militate greatly against the apparent progress of the school as a whole.

Attention is called to the fact shown by the preceding table, that provision is made ample for the care of the younger children. In many cities in the country it is lamentably true that while full attention is paid to the high school, there are many children, sometimes hundreds, sometimes thousands, for whose care and instruction in the lower grades no provision is made. It must be evident at the same time that our lower

grades are overburdened, and that provision must be made for them, especially in the outer wards and districts. It has always been the policy of the Board to erect buildings especially arranged and seated for the Primary grades in the outskirts of the city, preventing the necessity for young children to take long walks, or to be exposed for an unnecessarily long time to rough or inclement weather.

With the consent of the Council, the Board have purchased lots in Lakeside, admirably fitted for a school site. There is already a school in that district, enrolling thirty-nine scholars in the lowest grade. It will be necessary to provide for the class as an advanced one. The Clay school is now uncomfortably full. If the County Commissioners, as promised, build a bridge joining the Spy Run District with Lakeside, a building can be erected on the lots mentioned, which will greatly relieve the Clay school, and also the Bloomingdale school. But the crowded state of the Hoagland and the Miner Street schools, with the rapidly increasing population of South Wayne, will require very early attention on the part of the Board.

A very satisfactory point to be considered is the fact that children continue in school for a much longer period than formerly. This arises, apparently from three causes, especially. The community as a whole, and especially the working classes, are in a much better condition financially, parents are more desirous of having their children acquire a higher education, rather than leave school "to make a living:" and scholars are more anxious to get all they can from the school.

It is also a noteworthy fact that the improvement in the various grades in the schools of different parts of the city has been of a more even, and advanced character than has formerly

been the case. Differences in the preparation for higher work in those coming from the different ward schools are much less noticeable than heretofore.

With all this, while gratified with what is good, it is the earnest desire and hope of those in charge of the schools to see them advance to a still higher rank, and it will be their earnest effort, by every means within their power, to insure that advancement.

Below is a roster of officers, and the list of teachers and employes for the school year 1895-6.

BOARD OF SCHOOL TRUSTEES.

President—Oliver P. Morgan.

Secretary—Samuel M. Foster.

Treasurer—A. Ely Hoffman.

Superintendent—John S. Irwin, M. D., LL. D.

Clerk and Librarian—Miss Mary Irwin.

Janitor-in-Chief—James A. Gavin.

TEACHERS.

HIGH SCHOOL.

Principal—Chester T. Lane, A. B.

Assistant—Harry O. Wise, A. B.

“ Albert B. Crowe, A. B.

“ Mary L. Jay, Ph. B.

“ Caroline Colvin, A. B.

“ Mary A. Pyle.

“ Ellen McKeag.

“ E. Louise Hamilton.

“ Katharine H. Blynn, A. B.

“ Cora Park.

Janitor—Conrad Leidolf.

JEFFERSON SCHOOL.

Principal, Harriet E. Leonard.
A Grammar, Janet A. McPhail.
A " Elizabeth E. Chapin.
B " Maggie I. Murphy.
B " Elizabeth Collins.
C and D Grammar, M. Frank Muirhead.
D Grammar, Anna M. Trenam.
A Primary, Mary I. Smith.
A " Mary M. Brokaw.
B " Clara M. Joost.
C and D Primary, Ella R. Williard.
D Primary, Minnie L. Ortman.
D " Gertrude C. Clark.
Janitor, John Immel.

CLAY SCHOOL.

Principal, Mary McClure.
A Grammar, Emma Stanley.
B " Emma L. Armstrong.
C " Annie G. Habecker.
C and D Grammar, Annette A. Gaskins.
D Grammar, Rose E. Kohn.
A Primary, Eva L. Beebe.
A and B Primary, Eurette C. Banister.
B and C Primary, Belle Geake.
C Primary, Mary E. Markey.
D " Nellie M. McKay.
D " Jennie S. Woodward.
D " Katharine A. Ersig.
Janitor, Michael L. Brannan.

HOAGLAND SCHOOL.

Principal, Frances Hamilton.

A Grammar, Mary A. Abel.

A and B Grammar, Mary E. Dick.

B Grammar, Elizabeth M. Biegler.

C " Mary Ella Orff.

C " Matilda E. Knight.

D " Maude F. Hendricks.

D " Leora Miner.

A Primary, Carrie A. Snively.

B " Etta C. Brooks.

C " Nellie I. Newell.

D " Mary E. McClure.

D " Lillie B. Beaber.

Janitor, Anna Miller.

HANNA SCHOOL.

Principal, Belle R. Lloyd.

A Grammar, Marion H. Brenton.

B " Margaret A. Wade.

C " Addie H. Williams.

D " Eva M. Baughman.

A Primary, Louise C. Heller.

B " Emma M. Hebert.

C " May W. Daugherty.

D " Martha E. Wohlfort.

D " Katharine C. Beebe

German, Anna Boss.

Janitor, Maria Perrett.

WASHINGTON SCHOOL

Principal, Margaret S. Cochrane.

B Grammar, Jessie L. Humphrey.

B and C Grammar, Mary Smyser.
C and D Grammar, Helen Brenton.
D Grammar and A Primary, Ada May Griffiths.
A Primary, M. Blanche Blynn.
B " Daisy K. Beaber.
C " Laura G. Bradley.
D " Marina J. Geake.
D " Effie Lumbard.
Janitor, Sophie Kellermeyer.

BLOOMINGDALE SCHOOL.

Principal, Margaret M. McPhail.
A and B Grammar, Sarah E. McKean.
B and C Grammar, Mabel E. Clayton.
C and D Grammar, Grace C. Glenn.
D Grammar and A Primary, Martha M. Clark.
A Primary, Zeruiah E. McLain.
B " Ethel K. Jenness.
C " Nellie L. Markey.
C and D Primary, Elizabeth J. Bowman.
D Primary, Fannie M. Lowry.
D " Olive D. Brosius.
German, Martha Stumpf.
Janitor, Catherine Sheridan.

HARMER SCHOOL.

Principal, Clara Phelps.
B Grammar, Sarah J. Stahl.
C " M. Georgina Wadge.
D " Mary E. Christie.
D " Emma H. Ersig.
A and B Primary, Fannie Kohn.
B and C Primary, Katharine M. Scherer.

C and D Primary, Edith Holsworth.
D Primary, Henrietta M. Winbaugh.
Janitor, Anna J. Clark.

MINER STREET SCHOOL.

Principal, Alice M. Habecker.
D Grammar, Alice M. Hamil.
A Primary, M. Kate Abel.
B " Caroline Biddle.
C " Minnie B. Seibt.
C and D Primary, Lillian Fisk.
D Primary, Victoria Carter.
D " Elsie A. Hall.
D " Maude Biegler.
Janitor, Orpha Clippinger.

HOLTON AVENUE SCHOOL.

A and C Primary, Laura D. Muirhead.
B Primary, Bertha Stahl.
D " and Principal, Edith M. Brewster.
D " Sophia C. Nix.
Janitor, Catherine Clear.

NEBRASKA SCHOOL.

A and B Primary, Lillie V. Bowen.
B " C " Carrie B. Schrader.
C " D " Prudence L. Bowman.
D Primary and Principal, Susan S. Sinclair.
Janitor, Anna Rouzer.

MCCULLOCH SCHOOL.

A and B Primary, Anna Zucker.
C Primary, Emma S. Gutermuth.
D " Annie L. Miller.
D " and Principal, Cecilia C. Foley.
Janitor—Mary E. Dolan.

HAMILTON SCHOOL.

A and B Primary, Addie Durnell.

C Primary, Clara M. Wilson.

D " and Principal, Anna M Fairfield.

D " Delia F. Wilson.

Janitor, Jennie Bryan.

FRANKLIN SCHOOL.

B and C Primary and Principal, Mary E. Freeman.

D Primary, Mary E. Shoaff.

Janitor, Mary Hedges.

LAKESIDE SCHOOL.

Principal and D. Primary, Louvie E. Strong.

EAST GERMAN SCHOOL.

Principal, Emma C. Weber.

Assistant, Bertha Ritter.

WEST GERMAN SCHOOL.

Principal, Carl Schwarz.

Assistant, Sara C. Schaaf.

Janitor, Frederika Bierbaum.

SUBSTITUTES.

Annie Y. Baillie.

Mary L. Fisk.

Martha J. Moderwell.

Catherine E. Murphy.

Jennie Pelkey.

Eddiess Terry.

Nellie F. You.

Respectfully submitted,

JHO, S. IRWIN, Superintendent.

